KEI Industries Limited

Registered and Corporate Office:
D-90, Okhla Industrial Area, Phase-I, New Delhi-110020 Tel: +91-11-26818840/8642/0242 Fax: 26817225, 26811959
E-mail: info@kei-ind.com, Website: www.kei-ind.com CIN No: L74899DL1992PLC051527

Manufacturing Units

Bhiwadi Unit
KEI Industries Ltd.
SP-919/920/922, RIICO Industrial Area,
Phase-III, Bhiwadi, Distt. Alwar-301019 Rajasthan
Tel: +91-1493-220106/221731
Fax: 221731 E-mail: bhiwadi@kei-ind.com

Silvassa Unit
KEI Industries Ltd.
99/2/7, Madhuban Industrial Estate, Rakholi,
Silvassa-396230 Dadra & Nagar Haveli
Tel: +91-260-2644404/2630944
harsh.desai@kei-ind.com Mob +91-9723455316
Fax: 2645896 E-mail: silvassa@kei-ind.com

Chopanki Unit
KEI Industries Ltd.
A-280/281/282/283/284,
RIICO Industrial Area (Chopanki)
Distt. Alwar-301019 Rajasthan
Tel: +91-1493-260202/06 Fax: 260203
E-mail: chopanki@kei-ind.com

Marketing Offices (India)

Marketing Office (Mumbai)
KEI Industries Ltd.
7th Floor, Nirvan Corporate House, Jijamata Road,
Near Pump House, Andheri (East), Mumbai-400093
Tel: +91-22-28239673, 28375642
Fax: +91-22-28258277 E-mail: mumbai@kei-ind.com

Chandigarh
KEI Industries Ltd.
SCO 84, 1st Floor, Swastik Vihar, MDC,
Sector-5, Panchkula-134109
Tel: +91-172-4416301 Fax: 4416300
E-mail: chandigarh@kei-ind.com

Gurgaon
KEI Industries Ltd.
H. No-27, 2nd Floor, Lane-2
Shiv Vihar, Rajeev Nagar, Gurgaon-122001
Tel: +919873561757 E-Mail-rksingh@kei-ind.com

Bhopal
KEI Industries Ltd.
S-13, Thada Ram Complex,
M. P. Nagar Zone-I, Bhopal-462011 MP
Tel: +91-9752531145 E-mail: bhopal@kei-ind.com

Lucknow
KEI Industries Ltd.
102, 1st Floor, Saran Chamber-2, 5 Park Road,
Lucknow-226001 UP Tel: +91-522-4010752

Panipat
KEI Industries Ltd.
House No. 1883, HBC, Sector 13/17
Panipat-132103 Haryana Tel: +91-8950660777

Kanpur
KEI Industries Ltd.
8/6, F. M. Colony, Civil Lines, Kanpur-208001
Tel: +91-9839081711 E-mail: kanpur@kei-ind.com

Kolkata
KEI Industries Ltd.
113 F Matheswartola Road 4th Floor, P.S. Tiljala,
Kolkata-700046 Tel: +91 9830085169
E-mail: kolkata@kei-ind.com

Bhubaneshwar
KEI Industries Ltd.
Plot No.- 139, 3rd Floor, Rose Dale, Distric Centre,
Chandrashekharpur, Bhubaneswar-751016, Odisha
Tel: +91-7894417222, 8763215541
E-mail: bhubneshwar@kei-ind.com

Pune
KEI Industries Ltd.
Vasudha Equinox, Office No. 104, 1st Floor,
Mouje Bopodi, Near Khadki Railway Station,
Pune-411020 Tel: +91-9422318689, 9922226699
E-mail: pune@kei-ind.com

Baroda
KEI Industries Ltd.
803, Siddharth Complex, Near Hotel Express
R. C. Dutt Road, Baroda-390007
Tel: +91-265-6539719, 2341831, 9824087943, 9824676443
Fax: +91-265-2334161 E-mail: baroda@kei-ind.com

Hyderabad
KEI Industries Ltd.
Plot No. 76, H.No. 3-14-52/1, Shubodaya Colony,
Near Little Chums School, Mansoorabad,
Vanasthalipuram, Hyderabad-500070
Tel: +91-40-20064358, +91-9985522558, 9985577886
Fax: +91-40-24024260 E-mail: hyderabad@kei-ind.com

Jaipur
KEI Industries Ltd.
7 Kailash Path, Suraj Nagar (W) Civil Lines,
Jaipur-302006 Rajasthan Tel: +91-141-5179279,
+91-9829036095 Fax: 2221707 E-mail: jaipur@kei-ind.com

Bangalore
KEI Industries Ltd.
No. 15, Sirur Park Road, Sheshadripuram, Bangalore-560020
Tel: +91-80-23466260 E-mail: bangalore@kei-ind.com

Ahmedabad
KEI Industries Ltd.
301, Sarthik, Opp. Satellite Police Station,
S.G Highway, Ahmedabad-380015
Tel: +91-9825321007, 9426454646
E-mail: ahmedabad@kei-ind.com

Chennai
KEI Industries Ltd.
Flat No. 10, 1st Floor, RAMS Apartment,
New No: 68 (Old No: 141), Eldams Road, Teynampet,
Chennai-600018 Tel: +91-44-42009120
Fax: +91-44-42009130 E-mail: chennai@kei-ind.com

Chhattisgarh
KEI Industries Ltd.
1st Floor, 204-Shayam Square, Pandari,
Raipur-492004, Chhattisgarh Tel: +91-9926123445,
E-mail: chhatisgarh@kei-ind.com

Ranchi
KEI Industries Ltd.
Golden Camp, Old H B Road, Kokar, Ranchi-834001
Tel: +91-9771497390 E-mail: shashikant.lal@kei-ind.com.

Patna
KEI Industries Ltd.
HIG Plot No.-4H/59, Bahadurpur Housing Colony,
Lohia Nagar, Agamkuan, Patna-800026 Bihar
Tel: +91-9608437514 E-mail: ajay.srivastava@kei-ind.com

Kochi
KEI Industries Ltd.
71/957, Bava Memorial Building,
Thanikkal Keerthi Nagar Road,
P.O. Elamakkara, Kochi-682026
Tel: +91-9388534355 E-mail: cochin@kei-ind.com

Guwahati
KEI Industries Ltd.
C/o Pick Me, House No. 316, Adhar Apartment,
Mother Teresa Road, Hatigarh Charali, P. O. Zoo Road,
Dist- Kamrup, Guwahati-781024 Assam Tel: +91-9706081442

Aurangabad
KEI Industries Ltd.
19, Raje Sambhaji Colony, Jalgaon Road,
Harsul, Aurangabad, Maharashtra-431008
Tel: +91-9545555503, 9673004877

Nasik
KEI Industries Ltd.
4, Sanket Apartment, Tidake Colony,
Behind Hyundai Showroom, Nashik, Maharashtra–422002
Tel: +91-8805369705, 9673004877

Rajkot
Tel: +91-8155044144 E-mail: nitin.tank@kei-ind.com

Surat
Tel: +91-9924240483 E-mail: ashish.bhavsar@kei-ind.com

Nagpur
Tel: +91-9822473774 E-mail: nagpur@kei-ind.com

Goa
Tel: +91-9765394685 E-mail: goa@kei-ind.com

Kolhapur
Tel: +91-9561007112 E-mail: kolhapur@kei-ind.com

Coimbatore
Tel: +91-9345761220 E-mail: p.swamynathan@kei-ind.com

Marketing Office (Overseas)

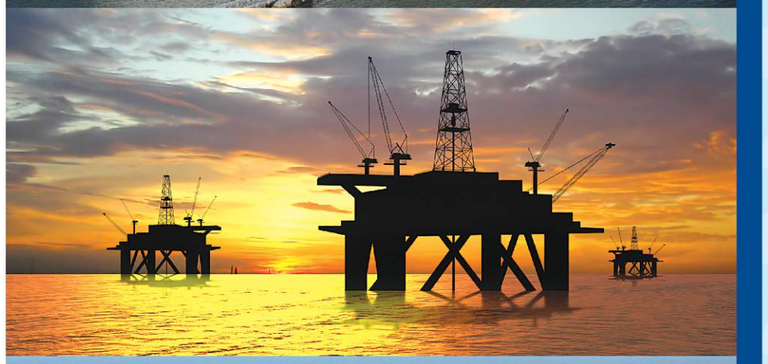
Dubai
KEI Industries Ltd.
Post Box No. 261739,
Jebel Ali Free Zone, Dubai, U.A.E.
Tel.: +971 4 881 2310, + 971 50 2112013
Fax: +971 4 881 2311
E-mail: keidubai@emirates.net.ae / dubai@kei-ind.com

Korea
KEI Industries Ltd.
459-709 Rm111 Life-sangga, 66,
Jisancheon-ro, Pyeongtaek-si, Gyeonggi-do Korea
Tel: +82-31-689-3770, +82 10 4351 8585
Fax: +82-31-689-3771
E-mail: th.park@kei-ind.com / ch.han@kei-ind.com

Singapore
KEI Industries Ltd.
No.52, Ubi Avenue 3, # 04-37 Frontier,
Singapore-408867
Tel: +65 67499419
E-mail: frankie@kei-sin.com











KEI
Wires and Cables

MARINE & OFFSHORE CABLES



KEI – THE WIRES AND CABLES SPECIALIST

KEI is one of the leading players in electrical cable industry that provides one-stop-shop solutions to its domestic and international customers. At KEI, our goal is to create values for our stakeholder by meeting the stated and implied needs of our customers, employees and the communities where we exist and do business.



KEI FACT FILE

Registered Office: New Delhi, India

Organizational Strength: More than 2000

Listed On: NSE, BSE, CSE & Luxembourg Stock Exchange

Through GDR & FCCB

FACTORY AREA

Bhiwadi: 63,943 sq. mtrs

Chopanki: 41,356.26 sq. mtrs

Silvassa: 23,195 sq. mtrs





AWARDS AND ACCREDITATIONS


DET NORSKE VERITAS
MANAGEMENT SYSTEM CERTIFICATE
Certificate No. 1383-2007-AQ-IND-RvA Rev. 03
This is to certify that
KEI Industries Ltd.
has been found to conform to the Quality Management System Standard:
ISO 9001:2008
This certificate is valid for the following scope:
MANUFACTURE & SUPPLY OF ALL TYPE OF CABLES, WIRES & CONDUCTORS VIZ. HT/EHV & LT POWER, CONTROL, INSTRUMENTATION, THERMOCOUPLE, ELASTOMERIC CABLES, WINDING & FLEXIBLE WIRES AND STAINLESS STEEL WIRES FOR WIDE RANGE OF APPLICATIONS


DET NORSKE VERITAS
MANAGEMENT SYSTEM CERTIFICATE
Certificate No. 90010-2011-AE-IND-RvA
This is to certify that
KEI Industries Ltd.
has been found to conform to the Environmental Management System Standard:
ISO 14001:2004
This certificate is valid for the following scope:
MANUFACTURE & SUPPLY OF ALL TYPE OF CABLES, WIRES & CONDUCTORS VIZ. HT/EHV & LT POWER, CONTROL, INSTRUMENTATION, THERMOCOUPLE, ELASTOMERIC CABLES, WINDING & FLEXIBLE WIRES AND STAINLESS STEEL WIRES FOR WIDE RANGE OF APPLICATIONS


DET NORSKE VERITAS
MANAGEMENT SYSTEM CERTIFICATE
Certificate No. 90501-2011-OHSO-IND-DNV
This is to certify that
KEI Industries Ltd.
has been found to conform to the Occupational Health and Safety Management System Standard:
OHSAS 18001:2007
This certificate is valid for the following scope:
MANUFACTURE & SUPPLY OF ALL TYPE OF CABLES, WIRES & CONDUCTORS VIZ. HT/EHV & LT POWER, CONTROL, INSTRUMENTATION, THERMOCOUPLE, ELASTOMERIC CABLES, WINDING & FLEXIBLE WIRES AND STAINLESS STEEL WIRES FOR WIDE RANGE OF APPLICATIONS


NABL
National Accreditation Board for Testing and Calibration Laboratories
Department of Science & Technology, India
CERTIFICATE OF ACCREDITATION
KEI INDUSTRIES LTD. (QUALITY ASSURANCE LAB)
has been assessed and accredited in accordance with the standard
ISO/IEC 17025:2005
"General Requirements for the Competence of Testing & Calibration Laboratories"
for its facilities at
SP-919, 920, 922 RIICO Industrial Area, Bhiwadi
in the field of
ELECTRICAL TESTING
Certificate Number T-5816
Issue Date 04/06/2011
Valid Until 03/06/2013
This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the additional requirements of NABL.
Signed for and on behalf of NABL
Shaily Sharma, Convenor
Anil Relia, Director
Dr. T. Ramasami, Chairman



PROFILE

KEI has been at the forefront of India's wire and cable industry for the last forty years. We manufacture a range of specialized cables and are a crucial player in the domestic and retail segment. Since inception, we have firmly believed in the philosophy of constant growth and innovation. Customer satisfaction has always been our priority. A highly qualified, committed and experienced group of professionals strives to meet international standards and caters to the needs of a changing market. Our unblemished track record has earned us the patronage of leading industrial houses, project consultants and architects. In order to provide reliable and expedient services to our customers, we have created manufacturing facilities at Bhiwadi, Silvassa and Chopanki. We employ state-of-the-art equipment and adhere to international safety and environmental norms.

KEI was established in 1968 as a partnership company in the domestic wire segment. In the early seventies we started manufacturing switchboard cables and control, instrumentation and thermocouple extension cables including special application cables like fire retardant and low halogen cables. In 1993 we added power cables with PVC & XLPE insulation in our product line. During 2010 we added EHV cables up to 220 kV with technical collaborations with Brugg Kabel AG, Switzerland and diversified into EPC business. Today KEI is a one-stop-shop when it comes to meeting cabling requirements for the domestic, power and industrial sectors.

MARINE & OFFSHORE CABLES

KEI is proud to supply Marine and offshore cables to important projects of Indian defense shipyards and private shipyards around the world. Cables have been supplied to renowned shipyards like Mazagon Docks, Garden Reach Shipyard, Naval Dockyards, Goa Shipyard, Cochin Shipyard, Hindustan Shipyard, Larsen & Toubro, Gunasua, ONGC in India & also exported to Sime-Darby Malaysia, ZADCO UAE, NPCC UAE, etc.

KEI offers a complete range of Marine Cables which includes Power, control instrumentation, Fire Resistant, Mud resistant and High temperature cables.

CONSTRUCTION

Conductor
- Tinned or untinned copper with stranding class 2 or class 5 from 0.5 to 1000 sq mm. or 22-19 AWG to 2000Kcmil
- Solid single strand for communication cables as required
- Standards IEC 60228, BS 6360 or UL

For Thermocouple Cables
- KX, JX, EX, TX, KX/VX, SX/RX

Insulations
- EPDM, XLPE, Halogen free EVA based, Silicon rubber glass braided and varnished, PE, PVC
- Dual layer EPDM + HF or PVC + Polyamide (Nylon)
- Fibreglass tape insulation as per NES standard

Fire resistant cable
- Heat barrier of glass mica tape lapped in double layer shall be provided over the conductor, before the insulation

Sheath
- Thermoplastic Halogen free Type SHF1, Cross Linked thermo set Type SHF2 or EVA, Silicon, FR PVC, HDPE, MUD RESISTANT SHF2
- PCP, CPE or CSP sheaths for EPDM or Silicon insulated cables
- TPR sheath
- Oil resistant sheath also available in SHF2 or SW4 grade

Braiding/ Armour
- ATC wire, plain copper, bronze, stainless steel, Aluminium alloy wire
- Copper braid of desired conductivity can be designed as required to meet installation specific requirement or to serve as Earth continuity conductor

Instrumentation Cables
- Cores twisted in pairs, Triads or Quad to form an element Screen provision:
- Each element can have individual screen or shielding of Aluminium Mylar backed tape or copper Mylar backed tape





- Each unit has ATC drain wire
- Multi element cable can have overall screen or shielding of Aluminium Mylar backed tape or copper Mylar backed tape, with a ATC drain wire
- ATC wire braiding can be offered as alternative to tape type screen for an individual element or overall screen

Special Protection
- Cables can be supplied with special sheath like Lead alloy sheath or Polyamide(Nylon) sheath as a proven moisture barrier in highly contaminated areas

Core Identification & Sheath Color
- Standard color coding as per CENELEC for cores and Black or Grey for the sheath
- However, we can provide any customized color coding as per project requirement

Current Ratings
- Cables meet the respective Current rating requirements as specified by the specifications under different installation and operating conditions
- In general Commercial ships and offshore cables rating are as per IEC 60092-352
- Ratings of Cables as per Naval Standards are as specified in these standards

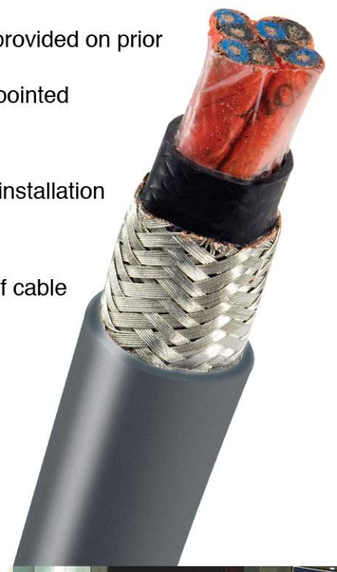
Packing
- On wooden drums or reels as per Indian Standard
- For overseas supply seaworthy wooden drum treated with fumigation shall be supplied
- Plastic or Steel reels can be offered on request
- Packing Lengths: 250/500/1000m
- Wires in 100m reel

Testing & Inspection
- Our factory provides Routine TC for each drum. Type TC can be provided on prior request
- Cost of Inspection at our works in India by customer or by any appointed Inspection /certification agency shall be to the buyers account

Warranty
Cables shall have standard warranty of 12 months from the date of installation or 18 months from the date of shipment, whichever is earlier

Datasheet
For each order, KEI shall furnish standard datasheet for each size of cable

ROHS
Cables not having a lead sheath are ROHS compliant

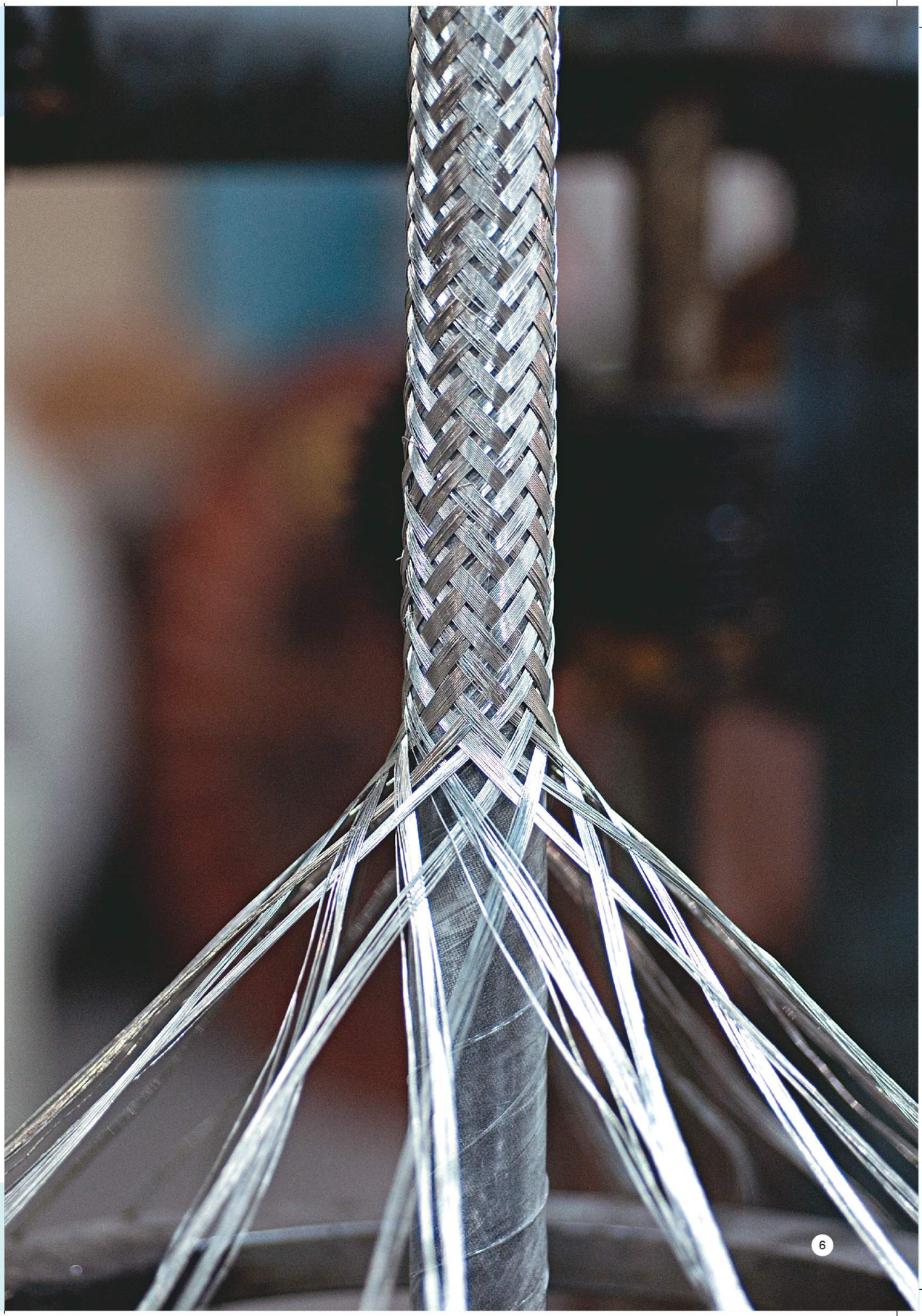






SPECIFICATION COMPLIANCE

SPECIFICATION	TYPES OFFERED
IEC 60092- 350, 353	POWER & CONTROL Cables 0.6/1.0kV EPDM, HEPR or XLPE or Silicon rubber or PVC insulated
NEK 606	POWER & CONTROL Cables 0.6/1.0kV EPDM insulated RFOU, RFCU, BFOU, BFCU
NEK 606	Instrumentation Cables 250V EPDM insulated RFOU(o), RFOU(i), RFCU(o), RFCU(i), BFOU(o), BFOU(i), BFCU(o), BFCU(i)
IEC 60092- 350, 354	POWER Cables 3, 6, 10, 15kV EPDM or XLPE insulated
IEC 60092- 350, 376	INSTRUMENTATION & CONTROL Cables 250V EPDM or XLPE or PE or Silicon rubber or PVC insulated
BS 6883	POWER, CONTROL & Instrumentation Cables EPDM insulated up to 11kV
IEEE 1580, UL 1309	XLPE/ EPR/ EVA/LSZH/PVC NYLON/ POLYOLEFINE, Types E, X, T, S, T/N, LSE, LSX, LSS, P
NAVAL STANDARDS	
NES 525	SMALL WIRES
NES 526 & DEFSTAN 512 P3	DUAL EXTRUDED INSULATION EPR + LFH, LFH SHEATHED POWER & CONTROL CABLES
NES 527 & DEFSTAN 512 P2	SILICON RUBBER INSUALTED, GLASS FIBRE BRAIDED AND LFH SHEATHED POWER AND CONTROL CABLES
DEFSTAN 61-12	ZHFR INSULATED WIRES, CORES
VG 95218 P 60, 62 & 63	POLYOLEFINE INSULATED SCREENED INSTRUMENTATION. TYPES MGSGO, FMGSGO, FMGSGSGO
VG 95218 P 61	EPR INSULATED, SCREENED INSTRUMENTATION. TYPES LMGSGO
ONGC OFFSHORE	
FS 4011	Power, Control & Instrumentation cables for Offshore installations
FS 3508	Instrumentation cables for Offshore installations
FIRE TESTS REFERENCE	
IEC 60332-1-2 -test	Flame-retardant test for single insulated wire and cable
IEC 60332-3-22 -test	Flame-retardant (FR)-test for bunched wires and cables, category A
IEC 60754 - 1,2	Halogen-evolution from insulation or sheath material
IEC 61034 series	Smoke emission test
IEC 60331-21	Fire-resistant test for the FIRE RESISTANT CABLES
NES 713, 718	Measurement of toxicity of gases evolved, where applicable



APPROVALS

Sl. No.	Certification Authority	Cable Types	Certficate No.	Manufacturing Standard Specifications	Types	Voltage Grade	Conductor Temperature Class
1	DET NORSKE VERITAS (D N V) TYPE APPROVAL	Instrumentation and Communication Cables MUD RESISTANT & FIRE RESISTANT, Flame Retardent Cat. A, Halogen Free, Low Smoke	E - 10486	NEK : 606 (2009-05) (S-Types); IEC : 60092 - 376 (2003-05)	BFOU (i) S3 / S7 250V; BFOU (c) S4 / S8 250 V; BFCU (i) & (c) 250V	250V	90°C
2	DET NORSKE VERITAS (D N V) TYPE APPROVAL	Instrumentation and Communication Cables MUD RESISTANT, Flame Retardent Cat. A, Halogen Free, Low Smoke	E - 10487	NEK : 606 (2009-05) (S-Types); IEC : 60092 - 376 (2003-05)	RFOU (i) S1 / S5 250V; RFOU (c) S2 / S6 250V; RFCU (i) & (c) 250V	250V	90°C
3	DET NORSKE VERITAS (D N V) TYPE APPROVAL	General Power and Lightining, MUD RESIATANT & FIRE RESISTANT, Flame Retardent Cat. A, Halogen Free, Low Smoke	E - 10488	NEK : 606 (2009-05) (P-Types); IEC : 60092 - 353 (2001-04)	BFOU P5 / P12 0.6/1kV; BFCU 0.6/1kV; BFOU VFD 0.6/1kV	0.6/1kV	90°C
4	DET NORSKE VERITAS (D N V) TYPE APPROVAL	General Power and Lightining, MUD RESIATANT, Flame Retardent Cat. A, Halogen Free, Low Smoke	E - 10489	NEK : 606 (2009-05) (P-Types); IEC : 60092 - 353 (2001-04)	RFOU P1 / P8 0.6/1kV; RFCU 0.6/1kV; RFOU VFD 0.6/1kV	0.6/1kV	90°C
5	INDIAN REGISTER OF SHIPING (I R S)	Power, Control and Instrumentation Cables, Fame Retardent Cat A, FIRE RESISTANT, Halogen Free, Low Smoke	2012WAC022	IEC : 60092 - 350, 351, 359, 60092 - 353	XLPE / EPR / PVC / LFH; Power & Control Cables	0.6/1kV	90°C
				IEC : 60092 - 376	Instrumentation Cables Fire Resistant	250V	
6	Directorate of Quality Assurance (DQAN), Govt. Of India, Ministry Of Defence		Registration No. : DQAN/464/2008; Control No.: N0803905A	DGS 211 / NES 527	Silicon Rubber Insulated LFH Cables	440V	105°C
				DGS 212 / NES 526	Cable Electrical LFH type	440V	85°C
				NES-09,Def Stan 61-12 Part-18, Pt-25 & Pt.-31	Cable Electrical and miniature Type		85°C
				DIN 89158	Power Cables with copper braid MGCG	0.6/ 1.0kV	85°C
				DIN 89159	Communication cables	250V	90°C
				DIN (VG) 95218	Degaussing Cable	550V	85°C
				Gost, MIL C017, NES 526, 527, 518, 525, Def Stan 61-12 Part 18, Pt 25, Pt.31 and related specification	LFH Cables	440V / 250V	90°C
				IS : 7098 Part-I	XLPE Insulated Cables Upto 1.1kV	1.1 kV	90°C
				IS : 7098 Part-II	XLPE Insulated Cables Upto 33kV	33 kV	90°C
				IS : 9968 Part-1 and Part -II	Elastomer Insulated Cables	1.1, 3.3 6.6kV	90°C

*KEI Marine & Offshore cables have been type tested by all above authorities.

SPECIALITY CABLES

- MINING Cables: Rubber flexible trailing cables, Landline cables, PVC and XLPE cables
- Elastomeric cables: for Material handling, reeling duty, Pump and other applications. H07RNF and H05RRF VDE certified cables available
- High Temperature Cable: Silicon and other special polymer cables
- Cables for Sub Zero temperature installations offshore or onshore and underground systems suitable up to - 60^0C
- Solar Cables: TUV approved
- Control Cables: In various designs and sizes
- Instrumentation cables: As per international standards and industry specific requirements
- Thermocouple Extension and compensating cables
- Halogen Free cables, Non toxic cables
- FIRE SURVIVAL cables meeting C W Z and other international categories
- Cables with Lead Alloy sheath as per IEC and EEMUA
- Field Bus cables
- Composite cables having combinations of different types
- Motor coil leads, Power and control cables for machines and industry

TESTING FACILITIES

TEST LABORATORY Certified: ISO /IEC 17025 Bhiwadi factory.

Inspection Authorities visiting: ABS, BS, BSI, BVQI, Crown, CSA, DASEIN, DNV, EIL, ERDA, Intertek, IRS, JACOBS, KAVENER, LRS, RITES, SGS, Tata Projects, TOYO, TUV & VDE etc.

EHV cables tested at CPRI, KEMA, 220kV Type Test at FGH Engineering & Test GmbH Lab (CESI) at the Mannheim Germany





CERTIFICATION

DET NORSKE VERITAS

TYPE APPROVAL CERTIFICATE

CERTIFICATE NO. E-10486

This is to certify that the
Low Voltage Cable

with type designation(s)
BFOU (i) S3/S7 250 V, BFOU (c) S4/S8 250 V, BFCU(i) & (c) 250V

Manufactured by
KEI INDUSTRIES LTD
New Delhi ., India

is found to comply with
Det Norske Veritas' Rules for Classification of Ships, High Speed & Light Craft and Det Norske Veritas' Offshore Standards
IEC 60092-376 (2003-05)
IEC 60331-21 (1999-04)
IEC 60332-3-22 (2009-02)
IEC 60754-1 (1994-01)
IEC 60754-2 (1997-04)
IEC 61034-2 (2005-04)
NEK 606 (2008-05) (S-types only)

Application
Instrumentation and communication.
Fire resistant. Flame retardant Cat. A. Halogen free. Low smoke. Mud resistant.

Type	Voltage class (V)	Temp. class (°C)
BFOU (i) S3/S7 250 V	250	90
BFOU (c) S4/S8 250 V	250	90
BFCU(i) & (c) 250V	250	90

Høvik, 2010-10-25
for Det Norske Veritas AS

Marit Laumann
Head of Section

DNV local office:
Mumbai

This Certificate is valid until
2014-12-31

Ivar Bull
Surveyor

DET NORSKE VERITAS

TYPE APPROVAL CERTIFICATE

CERTIFICATE NO. E-10487

This is to certify that the
Low Voltage Cable

with type designation(s)
RFOU (i) S1/S5 250 V, RFOU (c) S2/S6 250V, RFCU(i) & (c)

Manufactured by
KEI INDUSTRIES LTD
New Delhi ., India

is found to comply with
Det Norske Veritas' Rules for Classification of Ships, High Speed & Light Craft and Det Norske Veritas' Offshore Standards
IEC 60092-376 (2003-05)
IEC 60332-3-22 (2009-02)
IEC 60754-1 (1994-01)
IEC 60754-2 (1997-04)
IEC 61034-2 (2005-04)
NEK 606 (2009-05) (S-types only)

Application
Instrumentation and communication.
Flame retardant Cat. A. Halogen free. Low smoke. Mud resistant.

Type	Voltage class (V)	Temp. class (°C)
RFOU (i) S1/S5 250 V	250	90
RFOU (c) S2/S6 250V	250	90
RFCU(i) & (c)	250	90

Høvik, 2010-10-25
for Det Norske Veritas AS

Marit Laumann
Head of Section

DNV local office:
Mumbai

This Certificate is valid until
2014-12-31

Ivar Bull
Surveyor

DET NORSKE VERITAS

TYPE APPROVAL CERTIFICATE

CERTIFICATE NO. E-10488

This is to certify that the
Electric Power Cable

with type designation(s)
BFOU P5/P12 0,6/1 kV, BFCU 0,6/1kV, BFOU VFD 0,6/1 kV

Manufactured by
KEI INDUSTRIES LTD
New Delhi ., India

is found to comply with
Det Norske Veritas' Rules for Classification of Ships, High Speed & Light Craft and Det Norske Veritas' Offshore Standards
IEC 60092-353 (2001-04)
IEC 60331-21 (1999-04)
IEC 60332-3-22 (2009-02)
IEC 60754-1 (1994-01)
IEC 60754-2 (1997-04)
IEC 61034-2 (2005-04)
NEK 606 (2009-05) (P-types only)

Application
General power and lighting.
Fire resistant. Flame retardant Cat. A. Halogen free. Low smoke. Mud resistant.

Type	Voltage class (kV)	Temp. class (°C)
BFOU P5/P12 0,6/1 kV	0,6/1	90
BFCU 0,6/1kV	0,6/1	90
BFOU VFD 0,6/1 kV	0,6/1	90

Høvik, 2010-10-25
for Det Norske Veritas AS

Marit Laumann
Head of Section

DNV local office:
Mumbai

This Certificate is valid until
2014-12-31

Ivar Bull
Surveyor

DET NORSKE VERITAS

TYPE APPROVAL CERTIFICATE

CERTIFICATE NO. E-10489

This is to certify that the
Electric Power Cable

with type designation(s)
RFOU P1/P8 0,6/1 kV, RFCU 0,6/1 kV, RFOU-VFD 0,6/1 kV

Manufactured by
KEI INDUSTRIES LTD
New Delhi ., India

is found to comply with
Det Norske Veritas' Rules for Classification of Ships, High Speed & Light Craft and Det Norske Veritas' Offshore Standards
IEC 60092-353 (2001-04)
IEC 60332-3-22 (2009-02)
IEC 60754-1 (1994-01)
IEC 60754-2 (1997-04)
IEC 61034-2 (2005-04)
NEK 606 (2009-05) (P-types only)

Application
General power and lighting.
Flame retardant Cat. A. Halogen free. Low smoke. Mud resistant.

Type	Voltage class (kV)	Temp. class (°C)
RFOU P1/P8 0,6/1 kV	0,6/1	90
RFCU 0,6/1 kV	0,6/1	90
RFOU-VFD 0,6/1 kV	0,6/1	90

Høvik, 2010-10-25
for Det Norske Veritas AS

Marit Laumann
Head of Section

DNV local office:
Mumbai

This Certificate is valid until
2014-12-31

Ivar Bull
Surveyor

Indian Register of Shipping

Place : Mumbai

Date : 27 November 2012

Certificate No : 2012WAC022

Works Approval Certificate for Manufacture of Electrical Cables

This is to certify that based on the existing manufacturing facilities and satisfactory assessment of Manufacture and Quality Control procedures by our Surveyors, the name of

M/s. KEI INDUSTRIES LIMITED
SP-920, Riico Industrial Area, Phase-III, Bhiwadi, Alwar, Rajasthan-301109

is being included in the list of approved manufacturers for Electrical Cables to be used on ships classed or intended to be classed with IRS.

Manufacturing Standards : As indicated in Annexure I

Conditions of Approval : See Annexure II

This certificate is valid until : November 2015

Annual Inspection Due : November 2013
November 2014

U. S. KALGHATGI
CHIEF SURVEYOR

Registration No : DQAN/464/2008 Control No : N0803905A

GOVERNMENT OF INDIA
MINISTRY OF DEFENCE

DIRECTORATE GENERAL OF QUALITY ASSURANCE
DIRECTORATE OF QUALITY ASSURANCE (NAVAL)

REGISTRATION CERTIFICATE

This is to certify that M/s KEI Industries Limited, SP-920, RIICO Industrial Area, Phase-III, Bhiwadi, Distt Alwar-301019 Rajasthan after verification of their capacity /capability are registered and found capable of manufacturing of the items for Defence as indicated overleaf.

No of items for which registered	- 11 (Eleven) only
Monetary Limit	- Rs 449 Crores
Grading of the Vendor	- (M.S. DDP) Gde. - I
This Certificate is valid up to	- 28 Dec. 2011

This Certificate is issued subject to the conditions indicated overleaf.

(N.K. Mishra)
Rear Admiral
Addl. DGQA (N)

Dated: 29 Dec. 2008





POWER CABLE

RATED OPERATING VOLTAGE : 0.6/1.0 (1.2) kV

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 353

1. **CONDUCTOR MATERIAL :** Stranded, annealed , plain or tinned copper class 2 as per IEC t60228 Optional Flexible Class 5 conductor
2. **INSULATION MATERIAL :** XLPE/ HF XLPE
3. **INNER COVER MATERIAL :** Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359
4. **ARMOUR/ BRAIDING MATERIAL :** Annealed Copper Wire tinned or untinned, Optional GI wire, SS wire or Bronze wire
5. **OUTERSHEATH MATERIAL :** Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359



1 CORE COPPER CONDUCTOR, XLPE INSULATED ARMOURED POWER CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

vDIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR (ATC / G I) Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
1 C	1.5	7	0.7	1.0	0.2	1.0	8.5	112	108
1 C	2.5	7	0.7	1.0	0.2	1.0	9.0	128	124
1 C	4	7	0.7	1.0	0.2	1.0	9.5	151	147
1 C	6	7	0.7	1.0	0.2	1.0	10.0	177	172
1 C	10	7	0.7	1.0	0.2	1.1	11.5	234	228
1 C	16	7	0.7	1.0	0.2	1.1	12.0	297	291
1 C	25	7	0.9	1.0	0.2	1.2	14.0	412	405
1 C	35	7	0.9	1.0	0.2	1.2	15.0	515	507
1 C	50	7	1.0	1.0	0.3	1.3	17.0	722	708
1 C	70	19	1.1	1.0	0.3	1.4	19.0	947	931
1 C	95	19	1.1	1.0	0.3	1.4	20.5	1197	1179
1 C	120	19	1.2	1.0	0.3	1.5	23.0	1476	1456
1 C	150	19	1.4	1.0	0.3	1.6	24.5	1774	1753
1 C	185	37	1.6	1.0	0.3	1.6	27.0	2136	2113
1 C	240	37	1.7	1.0	0.3	1.7	29.5	2684	2658
1 C	300	37	1.8	1.0	0.3	1.8	32.0	3270	3241
1 C	400	59	2.0	1.2	0.3	2.0	36.5	4297	4264
1 C	500	59	2.2	1.2	0.4	2.1	40.5	5377	5329
1 C	630	59	2.4	1.2	0.4	2.2	45.0	6650	6596
1 C	800	59	2.6	1.4	0.4	2.4	50.0	8345	8284
1 C	1000	59	2.8	1.4	0.4	2.6	56.5	10330	10261

2 CORE COPPER CONDUCTOR, XLPE INSULATED ARMOURED POWER CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR (ATC / G I) Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
CIRCULAR CONDUCTOR									
2 C	1.5	7	0.7	1.0	0.2	1.1	12.0	205	199
2 C	2.5	7	0.7	1.0	0.2	1.1	13.0	243	236
2 C	4	7	0.7	1.0	0.2	1.2	14.0	307	300
2 C	6	7	0.7	1.0	0.2	1.2	15.0	369	361
2 C	10	7	0.7	1.0	0.3	1.3	18.0	554	539
2 C	16	7	0.7	1.0	0.3	1.4	19.5	714	697
SHAPED CONDUCTOR									
2 C	16	7	0.7	1.0	0.3	1.4	16.0	557	544
2 C	25	7	0.9	1.0	0.3	1.5	19.0	784	768
2 C	35	7	0.9	1.0	0.3	1.6	20.5	996	980
2 C	50	7	1.0	1.0	0.3	1.7	22.5	1316	1297
2 C	70	19	1.1	1.0	0.3	1.8	25.5	1745	1723
2 C	95	19	1.1	1.2	0.3	1.9	28.5	2268	2244
2 C	120	19	1.2	1.2	0.4	2.1	32.0	2886	2849
2 C	150	19	1.4	1.2	0.4	2.2	34.5	3510	3470
2 C	185	37	1.6	1.4	0.4	2.4	38.5	4295	4251
2 C	240	37	1.7	1.4	0.4	2.6	42.5	5401	5352
2 C	300	37	1.8	1.6	0.4	2.8	46.5	6630	6575
2 C	400	59	2.0	1.6	0.4	3.1	52.0	8525	8464



3 CORE COPPER CONDUCTOR, XLPE INSULATED ARMOURED POWER CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR (ATC / G I) Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
CIRCULAR CONDUCTOR									
3 C	1.5	7	0.7	1.0	0.2	1.1	12.5	228	221
3 C	2.5	7	0.7	1.0	0.2	1.1	13.5	275	267
3 C	4	7	0.7	1.0	0.2	1.2	15.0	353	345
3 C	6	7	0.7	1.0	0.2	1.2	16.0	432	424
3 C	10	7	0.7	1.0	0.3	1.3	19.0	655	639
3 C	16	7	0.7	1.0	0.3	1.4	20.5	865	848
SECTOR SHAPED CONDUCTOR									
3 C	16	7	0.7	1.0	0.3	1.4	18.0	745	730
3 C	25	7	0.9	1.0	0.3	1.5	21.5	1070	1052
3 C	35	7	0.9	1.0	0.3	1.6	23.0	1368	1349
3 C	50	7	1.0	1.0	0.3	1.8	27.0	1867	1844
3 C	70	19	1.1	1.2	0.3	1.9	30.5	2510	2484
3 C	95	19	1.1	1.2	0.3	2.0	33.5	3247	3218
3 C	120	19	1.2	1.2	0.4	2.2	37.0	4110	4067
3 C	150	19	1.4	1.4	0.4	2.3	41.5	5079	5030
3 C	185	37	1.6	1.4	0.4	2.5	45.5	6173	6119
3 C	240	37	1.7	1.6	0.4	2.7	50.0	7819	7759
3 C	300	37	1.8	1.6	0.4	2.9	56.5	9621	9553
3 C	400	59	2.0	1.6	0.4	3.2	62.5	12540	12466

3.5 CORE COPPER CONDUCTOR, XLPE INSULATED ARMOURED POWER CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR (ATC / G I) Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
SECTOR SHAPED CONDUCTOR									
3.5 C	x 25 / 16	7 / 7	0.9 / 0.7	1.0	0.3	1.6	23.0	1,254	1,235
3.5 C	x 35 / 16	7 / 7	0.9 / 0.7	1.0	0.3	1.7	25.0	1,564	1,543
3.5 C	x 50 / 25	7 / 7	1.0 / 0.9	1.0	0.3	1.8	28.0	2,126	2,101
3.5 C	x 70 / 35	19 / 7	1.1 / 0.9	1.2	0.3	1.9	32.5	2,876	2,848
3.5 C	x 95 / 50	19 / 7	1.1 / 1.0	1.2	0.4	2.1	37.0	3,880	3,837
3.5 C	x 120 / 70	19 / 19	1.2 / 1.1	1.2	0.4	2.3	40.0	4,839	4,792
3.5 C	x 150 / 70	19 / 19	1.4 / 1.1	1.4	0.4	2.4	44.5	5,814	5,761
3.5 C	x 185 / 95	37 / 19	1.6 / 1.1	1.4	0.4	2.6	49.5	7,153	7,093
3.5 C	x 240 / 120	37 / 19	1.7 / 1.2	1.6	0.4	2.8	55.5	9,085	9,018
3.5 C	x 300 / 150	37 / 19	1.8 / 1.4	1.6	0.4	3.0	60.0	11,104	11,032
3.5 C	x 400 / 185	59 / 37	2.0 / 1.6	1.6	0.4	3.3	67.0	14,377	14,296

4 CORE COPPER CONDUCTOR, XLPE INSULATED ARMOURED POWER CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR (ATC / G I) Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
CIRCULAR CONDUCTOR									
4 C	1.5	7	0.7	1.0	0.2	1.1	13.5	261	254
4 C	2.5	7	0.7	1.0	0.2	1.2	14.5	326	318
4 C	4	7	0.7	1.0	0.2	1.2	16.0	415	406
4 C	6	7	0.7	1.0	0.3	1.3	18.0	572	557
4 C	10	7	0.7	1.0	0.3	1.4	20.5	794	777
4 C	16	7	0.7	1.0	0.3	1.5	22.5	1064	1045
SECTOR SHAPED CONDUCTOR									
4 C	16	7	0.7	1.0	0.3	1.5	20.0	940	923
4 C	25	7	0.9	1.0	0.3	1.6	24.0	1362	1342
4 C	35	7	0.9	1.0	0.3	1.7	26.0	1761	1739
4 C	50	7	1.0	1.0	0.3	1.9	30.0	2399	2373
4 C	70	19	1.1	1.2	0.3	2.0	34.0	3243	3213
4 C	95	19	1.1	1.2	0.4	2.2	39.5	4357	4310
4 C	120	19	1.2	1.4	0.4	2.3	43.0	5387	5336
4 C	150	19	1.4	1.4	0.4	2.5	47.0	6603	6547
4 C	185	37	1.6	1.4	0.4	2.7	52.5	8064	8001
4 C	240	37	1.7	1.6	0.4	3.0	59.0	10298	10227
4 C	300	37	1.8	1.6	0.4	3.2	65.0	12629	12551
4 C	400	59	2.0	1.8	0.4	3.5	74.0	16625	16535



CONTROL CABLE

RATED OPERATING VOLTAGE : 0.6/1.0 kV (1.2kV)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 353

1. **CONDUCTOR MATERIAL :** Stranded, annealed , plain or tinned copper class 2 as per IEC 60228, Optional Flexible Class 5 conductor
2. **INSULATION MATERIAL :** XLPE/ HF XLPE
3. **INNER COVER MATERIAL :** Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359
4. **ARMOUR / BRAIDING MATERIAL :** Annealed Copper Wire tinned or untinned, Optional GI wire, SS wire or Bronze wire
5. **OUTER SHEATH MATERIAL :** Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359



1.5 SQMM COPPER CONDUCTOR, XLPE INSULATED ARMOURED CONTROL CABLE
Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV
DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of wires in conductor Class 2	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR (ATC / G I) Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
2	1.5	7	0.7	1.0	0.2	1.1	12.0	205	199
3	1.5	7	0.7	1.0	0.2	1.1	12.5	228	221
4	1.5	7	0.7	1.0	0.2	1.1	13.5	261	254
5	1.5	7	0.7	1.0	0.2	1.2	14.5	305	297
6	1.5	7	0.7	1.0	0.2	1.2	15.5	345	337
7	1.5	7	0.7	1.0	0.2	1.2	15.5	352	344
8	1.5	7	0.7	1.0	0.3	1.3	17.5	429	414
9	1.5	7	0.7	1.0	0.3	1.3	18.5	469	453
10	1.5	7	0.7	1.0	0.3	1.3	17.5	468	454
11	1.5	7	0.7	1.0	0.3	1.3	17.5	486	472
12	1.5	7	0.7	1.0	0.3	1.4	18.5	525	510
13	1.5	7	0.7	1.0	0.3	1.4	20.5	588	571
14	1.5	7	0.7	1.0	0.3	1.4	20.5	606	588
15	1.5	7	0.7	1.0	0.3	1.4	21.5	642	624
16	1.5	7	0.7	1.0	0.3	1.4	21.5	660	642
17	1.5	7	0.7	1.0	0.3	1.5	22.5	707	688
18	1.5	7	0.7	1.0	0.3	1.5	22.5	725	706
19	1.5	7	0.7	1.0	0.3	1.5	22.5	743	724
20	1.5	7	0.7	1.0	0.3	1.5	23.5	782	762
21	1.5	7	0.7	1.0	0.3	1.5	23.5	800	780

No. of Core	Cross Sectional Area (Sq mm)	No. of wires in conductor Class 2	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR (ATC / G I) Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
22	1.5	7	0.7	1.0	0.3	1.5	24.5	841	820
23	1.5	7	0.7	1.0	0.3	1.5	24.5	859	837
24	1.5	7	0.7	1.0	0.3	1.6	26.0	910	887
25	1.5	7	0.7	1.0	0.3	1.6	26.0	928	905
26	1.5	7	0.7	1.0	0.3	1.6	26.0	945	923
27	1.5	7	0.7	1.0	0.3	1.6	26.5	974	951
28	1.5	7	0.7	1.0	0.3	1.6	27.0	1009	986
29	1.5	7	0.7	1.0	0.3	1.6	27.0	1027	1003
30	1.5	7	0.7	1.0	0.3	1.6	27.0	1045	1021
31	1.5	7	0.7	1.0	0.3	1.6	28.0	1082	1058
32	1.5	7	0.7	1.0	0.3	1.6	28.0	1100	1076
33	1.5	7	0.7	1.0	0.3	1.6	28.0	1118	1094
34	1.5	7	0.7	1.0	0.3	1.7	29.0	1169	1143
35	1.5	7	0.7	1.0	0.3	1.7	29.0	1187	1161
36	1.5	7	0.7	1.0	0.3	1.7	29.0	1205	1179
37	1.5	7	0.7	1.0	0.3	1.7	29.0	1223	1197
38	1.5	7	0.7	1.0	0.3	1.7	30.0	1262	1236
39	1.5	7	0.7	1.0	0.3	1.7	30.0	1280	1254
40	1.5	7	0.7	1.0	0.3	1.7	30.0	1298	1272
41	1.5	7	0.7	1.0	0.3	1.8	31.5	1355	1327
42	1.5	7	0.7	1.0	0.3	1.8	31.5	1373	1345
43	1.5	7	0.7	1.0	0.3	1.8	31.5	1391	1363
44	1.5	7	0.7	1.0	0.3	1.8	32.5	1431	1402
45	1.5	7	0.7	1.0	0.3	1.8	32.5	1449	1420
46	1.5	7	0.7	1.0	0.3	1.8	32.5	1467	1438
47	1.5	7	0.7	1.0	0.3	1.8	32.5	1485	1456
48	1.5	7	0.7	1.0	0.3	1.8	33.0	1514	1485
52	1.5	7	0.7	1.0	0.3	1.8	34.0	1603	1573
61	1.5	7	0.7	1.2	0.3	1.9	36.0	1856	1824

2.5 SQMM COPPER CONDUCTOR, XLPE INSULATED ARMOURED CONTROL CABLE
Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV
DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in conductor Class 2	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR (ATC / G I) Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
2	2.5	7	0.7	1.0	0.2	1.1	13.0	243	236
3	2.5	7	0.7	1.0	0.2	1.1	13.5	276	269
4	2.5	7	0.7	1.0	0.2	1.2	14.5	327	319
5	2.5	7	0.7	1.0	0.2	1.2	15.5	377	369

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in conductor Class 2	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR (ATC / G I) Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
6	2.5	7	0.7	1.0	0.3	1.3	17.0	484	470
7	2.5	7	0.7	1.0	0.3	1.3	17.0	497	483
8	2.5	7	0.7	1.0	0.3	1.3	19.0	531	515
9	2.5	7	0.7	1.0	0.3	1.4	20.0	592	575
10	2.5	7	0.7	1.0	0.3	1.4	19.0	598	582
11	2.5	7	0.7	1.0	0.3	1.4	19.0	625	609
12	2.5	7	0.7	1.0	0.3	1.4	20.0	667	650
13	2.5	7	0.7	1.0	0.3	1.5	22.5	754	735
14	2.5	7	0.7	1.0	0.3	1.5	22.5	781	762
15	2.5	7	0.7	1.0	0.3	1.5	23.5	831	811
16	2.5	7	0.7	1.0	0.3	1.5	23.5	859	838
17	2.5	7	0.7	1.0	0.3	1.5	24.5	907	885
18	2.5	7	0.7	1.0	0.3	1.5	24.5	934	913
19	2.5	7	0.7	1.0	0.3	1.5	24.5	961	940
20	2.5	7	0.7	1.0	0.3	1.6	26.0	1025	1003
21	2.5	7	0.7	1.0	0.3	1.6	26.0	1053	1030
22	2.5	7	0.7	1.0	0.3	1.6	27.0	1104	1080
23	2.5	7	0.7	1.0	0.3	1.6	27.0	1131	1107
24	2.5	7	0.7	1.0	0.3	1.7	28.5	1197	1172
25	2.5	7	0.7	1.0	0.3	1.7	28.5	1224	1199
26	2.5	7	0.7	1.0	0.3	1.7	28.5	1251	1226
27	2.5	7	0.7	1.0	0.3	1.7	29.0	1289	1264
28	2.5	7	0.7	1.0	0.3	1.7	30.0	1336	1310
29	2.5	7	0.7	1.0	0.3	1.7	30.0	1363	1337
30	2.5	7	0.7	1.0	0.3	1.7	30.0	1391	1364
31	2.5	7	0.7	1.0	0.3	1.7	31.0	1442	1415
32	2.5	7	0.7	1.0	0.3	1.7	31.0	1469	1442
33	2.5	7	0.7	1.0	0.3	1.7	31.0	1496	1469
34	2.5	7	0.7	1.0	0.3	1.8	32.0	1560	1532
35	2.5	7	0.7	1.0	0.3	1.8	32.0	1587	1559
36	2.5	7	0.7	1.0	0.3	1.8	32.0	1615	1586
37	2.5	7	0.7	1.0	0.3	1.8	32.0	1642	1613
38	2.5	7	0.7	1.0	0.3	1.8	33.5	1696	1666
39	2.5	7	0.7	1.0	0.3	1.8	33.5	1723	1693
40	2.5	7	0.7	1.0	0.3	1.8	33.5	1750	1721
41	2.5	7	0.7	1.0	0.3	1.9	34.5	1818	1787
42	2.5	7	0.7	1.0	0.3	1.9	34.5	1845	1814
43	2.5	7	0.7	1.0	0.3	1.9	34.5	1872	1842
44	2.5	7	0.7	1.2	0.3	1.9	36.5	1962	1930
45	2.5	7	0.7	1.2	0.3	1.9	36.5	1989	1957
46	2.5	7	0.7	1.2	0.3	1.9	36.5	2016	1984
47	2.5	7	0.7	1.2	0.3	1.9	36.5	2044	2011
48	2.5	7	0.7	1.2	0.3	1.9	37.0	2083	2050
52	2.5	7	0.7	1.2	0.3	2.0	38.0	2230	2196
61	2.5	7	0.7	1.2	0.3	2.0	40.0	2526	2490

POWER CABLES (UNARMOURED)

RATED OPERATING VOLTAGE : 0.6/1.0 (1.2) kV

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 353

1. CONDUCTOR MATERIAL : Stranded, annealed , plain or tinned copper class 2 as per IEC 60228, Optional Flexible Class 5 conductor
2. INSULATION MATERIAL : XLPE/ HF XLPE
3. OUTERSHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359



1 CORE COPPER CONDUCTOR, XLPE INSULATED, UNARMOURED POWER CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable
			mm	mm	mm	kg/km
1 C	1.5	7	0.7	1.0	5.5	42
1 C	2.5	7	0.7	1.0	6.0	53
1 C	4	7	0.7	1.0	6.5	70
1 C	6	7	0.7	1.0	7.0	91
1 C	10	7	0.7	1.0	8.0	132
1 C	16	7	0.7	1.0	9.0	188
1 C	25	7	0.9	1.1	10.5	284
1 C	35	7	0.9	1.1	11.5	376
1 C	50	7	1.0	1.2	13.0	522
1 C	70	19	1.1	1.3	15.5	718
1 C	95	19	1.1	1.3	17.0	945
1 C	120	19	1.2	1.4	19.5	1191
1 C	150	19	1.4	1.5	21.0	1472
1 C	185	37	1.6	1.5	23.0	1803
1 C	240	37	1.7	1.6	26.0	2314
1 C	300	37	1.8	1.7	28.5	2866
1 C	400	59	2.0	1.9	32.5	3804
1 C	500	59	2.2	2.0	36.0	4722
1 C	630	59	2.4	2.1	40.0	5920
1 C	800	59	2.6	2.3	45.0	7482
1 C	1000	59	2.8	2.5	51.5	9353

2 CORE COPPER CONDUCTOR, XLPE INSULATED, UNARMOURED POWER CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2 (nos.)	Nominal Thickness of Insulation	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable
			mm	mm	mm	kg/km
CIRCULAR CONDUCTOR						
2 C	1.5	7	0.7	1.0	9.0	97
2 C	2.5	7	0.7	1.1	10.0	130
2 C	4	7	0.7	1.1	11.0	175
2 C	6	7	0.7	1.1	12.0	226
2 C	10	7	0.7	1.2	14.0	339
2 C	16	7	0.7	1.3	16.0	477
SHAPED CONDUCTOR						
2 C	16	7	0.7	1.3	12.5	371
2 C	25	7	0.9	1.4	15.0	564
2 C	35	7	0.9	1.5	17.0	756
2 C	50	7	1.0	1.6	19.0	1047
2 C	70	19	1.1	1.7	22.0	1439
2 C	95	19	1.1	1.9	24.5	1915
2 C	120	19	1.2	2.0	27.0	2396
2 C	150	19	1.4	2.1	30.0	2973
2 C	185	37	1.6	2.3	33.5	3665
2 C	240	37	1.7	2.5	37.5	4706
2 C	300	37	1.8	2.6	41.0	5808
2 C	400	59	2.0	2.9	45.5	7542

3 CORE COPPER CONDUCTOR, XLPE INSULATED, UNARMOURED POWER CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2 (nos.)	Nominal Thickness of Insulation	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable
			mm	mm	mm	kg/km
CIRCULAR CONDUCTOR						
3 C	1.5	7	0.7	1.0	9.5	114
3 C	2.5	7	0.7	1.1	10.5	155
3 C	4	7	0.7	1.1	11.5	213
3 C	6	7	0.7	1.2	13.0	287
3 C	10	7	0.7	1.2	15.0	427
3 C	16	7	0.7	1.3	17.0	614
3 C	25	7	0.9	1.4	18.0	815
3 C	35	7	0.9	1.5	19.5	1094
3 C	50	7	1.0	1.7	23.5	1543
3 C	70	19	1.1	1.8	26.0	2119
3 C	95	19	1.1	1.9	29.5	2810
3 C	120	19	1.2	2.1	32.5	3532
3 C	150	19	1.4	2.2	36.5	4394
3 C	185	37	1.6	2.4	40.5	5417
3 C	240	37	1.7	2.6	44.5	6948
3 C	300	37	1.8	2.8	51.0	8636
3 C	400	59	2.0	3.1	57.0	11453



3.5 CORE COPPER CONDUCTOR, XLPE INSULATED, UNARMOURED POWER CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2 (nos.)	Nominal Thickness of Insulation	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable
			mm	mm	mm	kg/km
SECTOR SHAPED CONDUCTOR						
3.5 C	x 25 / 16	7 / 7	0.9 / 0.7	1.5	19.5	981
3.5 C	x 35 / 16	7 / 7	0.9 / 0.7	1.6	21.0	1266
3.5 C	x 50 / 25	7 / 7	1.0 / 0.9	1.7	24.5	1785
3.5 C	x 70 / 35	19 / 7	1.1 / 0.9	1.8	28.0	2456
3.5 C	x 95 / 50	19 / 7	1.1 / 1.0	2.0	32.5	3302
3.5 C	x 120 / 70	19 / 19	1.2 / 1.1	2.2	35.5	4210
3.5 C	x 150 / 70	19 / 19	1.4 / 1.1	2.3	39.5	5076
3.5 C	x 185 / 95	37 / 19	1.6 / 1.1	2.5	44.5	6329
3.5 C	x 240 / 120	37 / 19	1.7 / 1.2	2.7	50.5	8111
3.5 C	x 300 / 150	37 / 19	1.8 / 1.4	2.9	55.0	10049
3.5 C	x 400 / 185	59 / 37	2.0 / 1.6	3.2	61.5	13203

4 CORE COPPER CONDUCTOR, XLPE INSULATED, UNARMOURED POWER CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2 (nos.)	Nominal Thickness of Insulation	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable
			mm	mm	mm	kg/km
CIRCULAR CONDUCTOR						
4 C	1.5	7	0.7	1.1	10.5	142
4 C	2.5	7	0.7	1.1	11.5	191
4 C	4	7	0.7	1.2	13.0	270
4 C	6	7	0.7	1.2	14.0	358
4 C	10	7	0.7	1.3	17.0	544
4 C	16	7	0.7	1.4	18.5	788
SECTOR SHAPED CONDUCTOR						
4 C	16	7	0.7	1.4	16.5	702
4 C	25	7	0.9	1.5	20.5	1074
4 C	35	7	0.9	1.6	22.5	1447
4 C	50	7	1.0	1.8	26.5	2034
4 C	70	19	1.1	1.9	30.0	2798
4 C	95	19	1.1	2.1	35.0	3738
4 C	120	19	1.2	2.2	38.0	4674
4 C	150	19	1.4	2.4	42.0	5826
4 C	185	37	1.6	2.6	47.5	7190
4 C	240	37	1.7	2.8	53.5	9240
4 C	300	37	1.8	3.0	59.5	11459
4 C	400	59	2.0	3.4	68.5	15260



CONTROL CABLE (UNARMOURED)

RATED OPERATING VOLTAGE : 0.6/1.0 kV (1.2kV)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 353

1. **CONDUCTOR MATERIAL :** Stranded, annealed, plain or tinned copper class 2 as per IEC 60228, Optional Flexible Class 5 conductor
2. **INSULATION MATERIAL :** XLPE/ HF XLPE
3. **OUTER SHEATH MATERIAL :** Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359



1.5 SQMM COPPER CONDUCTOR, XLPE INSULATED, UNARMOURED CONTROL CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2)

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable
			mm	mm	mm	kg/km
2	1.5	7	0.7	1.0	9.0	97
3	1.5	7	0.7	1.0	9.5	114
4	1.5	7	0.7	1.1	10.5	142
5	1.5	7	0.7	1.1	11.0	171
6	1.5	7	0.7	1.1	12.0	201
7	1.5	7	0.7	1.1	12.0	208
8	1.5	7	0.7	1.2	13.5	225
9	1.5	7	0.7	1.2	15.0	250
10	1.5	7	0.7	1.2	14.0	262
11	1.5	7	0.7	1.2	14.0	280
12	1.5	7	0.7	1.3	14.5	309
13	1.5	7	0.7	1.3	17.0	343
14	1.5	7	0.7	1.3	17.0	361
15	1.5	7	0.7	1.3	18.0	385
16	1.5	7	0.7	1.3	18.0	403
17	1.5	7	0.7	1.4	19.0	436
18	1.5	7	0.7	1.4	19.0	454
19	1.5	7	0.7	1.4	19.0	472
20	1.5	7	0.7	1.4	20.0	498
21	1.5	7	0.7	1.4	20.0	516
22	1.5	7	0.7	1.4	21.0	542
23	1.5	7	0.7	1.4	21.0	560
24	1.5	7	0.7	1.5	22.0	596
25	1.5	7	0.7	1.5	22.0	614
26	1.5	7	0.7	1.5	22.0	632
27	1.5	7	0.7	1.5	22.5	654
28	1.5	7	0.7	1.5	23.5	678
29	1.5	7	0.7	1.5	23.5	696
30	1.5	7	0.7	1.5	23.5	714

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable
			mm	mm	mm	kg/km
31	1.5	7	0.7	1.6	24.5	751
32	1.5	7	0.7	1.6	24.5	769
33	1.5	7	0.7	1.6	24.5	787
34	1.5	7	0.7	1.6	25.5	813
35	1.5	7	0.7	1.6	25.5	831
36	1.5	7	0.7	1.6	25.5	849
37	1.5	7	0.7	1.6	25.5	866
38	1.5	7	0.7	1.6	26.5	893
39	1.5	7	0.7	1.6	26.5	911
40	1.5	7	0.7	1.6	26.5	929
41	1.5	7	0.7	1.7	28.0	970
42	1.5	7	0.7	1.7	28.0	987
43	1.5	7	0.7	1.7	28.0	1005
44	1.5	7	0.7	1.7	29.0	1032
45	1.5	7	0.7	1.7	29.0	1050
46	1.5	7	0.7	1.7	29.0	1068
47	1.5	7	0.7	1.7	29.0	1086
48	1.5	7	0.7	1.7	29.5	1109
52	1.5	7	0.7	1.7	30.0	1188
61	1.5	7	0.7	1.8	32.0	1381

2.5 SQMM COPPER CONDUCTOR, XLPE INSULATED, UNARMOURED CONTROL CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2)

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable
			mm	mm	mm	kg/km
2	2.5	7	0.7	1.1	10.0	130
3	2.5	7	0.7	1.1	10.5	156
4	2.5	7	0.7	1.1	11.5	191
5	2.5	7	0.7	1.1	12.5	231
6	2.5	7	0.7	1.2	13.5	278
7	2.5	7	0.7	1.2	13.5	291
8	2.5	7	0.7	1.2	15.0	308
9	2.5	7	0.7	1.3	16.5	352
10	2.5	7	0.7	1.3	15.5	372
11	2.5	7	0.7	1.3	15.5	399
12	2.5	7	0.7	1.3	16.0	431
13	2.5	7	0.7	1.4	19.0	484
14	2.5	7	0.7	1.4	19.0	512
15	2.5	7	0.7	1.4	20.0	547

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable
			mm	mm	mm	kg/km
16	2.5	7	0.7	1.4	20.0	574
17	2.5	7	0.7	1.4	21.0	609
18	2.5	7	0.7	1.4	21.0	636
19	2.5	7	0.7	1.4	21.0	664
20	2.5	7	0.7	1.5	22.5	711
21	2.5	7	0.7	1.5	22.5	738
22	2.5	7	0.7	1.5	23.5	774
23	2.5	7	0.7	1.5	23.5	801
24	2.5	7	0.7	1.6	25.0	850
25	2.5	7	0.7	1.6	25.0	877
26	2.5	7	0.7	1.6	25.0	904
27	2.5	7	0.7	1.6	25.5	936
28	2.5	7	0.7	1.6	26.0	971
29	2.5	7	0.7	1.6	26.0	998
30	2.5	7	0.7	1.6	26.0	1025
31	2.5	7	0.7	1.7	27.5	1075
32	2.5	7	0.7	1.7	27.5	1102
33	2.5	7	0.7	1.7	27.5	1129
34	2.5	7	0.7	1.7	28.5	1166
35	2.5	7	0.7	1.7	28.5	1193
36	2.5	7	0.7	1.7	28.5	1220
37	2.5	7	0.7	1.7	28.5	1247
38	2.5	7	0.7	1.7	29.5	1285
39	2.5	7	0.7	1.7	29.5	1313
40	2.5	7	0.7	1.7	29.5	1340
41	2.5	7	0.7	1.8	31.0	1392
42	2.5	7	0.7	1.8	31.0	1419
43	2.5	7	0.7	1.8	31.0	1446
44	2.5	7	0.7	1.8	32.0	1485
45	2.5	7	0.7	1.8	32.0	1512
46	2.5	7	0.7	1.8	32.0	1539
47	2.5	7	0.7	1.8	32.0	1566
48	2.5	7	0.7	1.8	32.5	1598
52	2.5	7	0.7	1.9	34.0	1732
61	2.5	7	0.7	2.0	36.0	2015

FIRE RESISTANT POWER CABLES

RATED OPERATING VOLTAGE : 0.6/1.0 KV (1.2kV)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 353

FIRE RESISTANT TEST : IEC 60331 – 21

1. CONDUCTOR MATERIAL : Stranded, annealed , plain or tinned copper class 2 as per IEC 60228, Optional Flexible Class 5 conductor

2. HEAT BARRIER : Glass mica tape

3. INSULATION MATERIAL : Extruded XLPE Insulation

4. INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359

5. ARMOUR/ BRAIDING MATERIAL : Annealed Copper Wire tinned or untinned, Option GI wire, SS wire or Bronze wire

6. OUTER SHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359



1 CORE COPPER CONDUCTOR, XLPE INSULATED ARMOURED CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in conductor Class 2	Nominal Thickness of XLPE Insulation	Nominal Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
1 C	1.5	7	0.7	1.0	0.2	1.0	9.5	127	123
1 C	2.5	7	0.7	1.0	0.2	1.0	10.0	144	139
1 C	4	7	0.7	1.0	0.2	1.0	10.5	168	163
1 C	6	7	0.7	1.0	0.2	1.1	11.0	200	195
1 C	10	7	0.7	1.0	0.2	1.1	12.0	254	248
1 C	16	7	0.7	1.0	0.2	1.1	13.0	319	312
1 C	25	7	0.9	1.0	0.2	1.2	14.5	437	429
1 C	35	7	0.9	1.0	0.2	1.2	15.5	542	534
1 C	50	7	1.0	1.0	0.3	1.3	17.5	753	739
1 C	70	19	1.1	1.0	0.3	1.4	19.5	982	965
1 C	95	19	1.1	1.0	0.3	1.4	21.5	1235	1217
1 C	120	19	1.2	1.0	0.3	1.5	24.0	1519	1498
1 C	150	19	1.4	1.0	0.3	1.6	25.0	1819	1797
1 C	185	37	1.6	1.0	0.3	1.6	27.5	2185	2161
1 C	240	37	1.7	1.0	0.3	1.7	30.5	2739	2712
1 C	300	37	1.8	1.0	0.3	1.8	33.0	3328	3299
1 C	400	59	2.0	1.2	0.3	2.0	37.0	4363	4330
1 C	500	59	2.2	1.2	0.4	2.1	41.0	5452	5403
1 C	630	59	2.4	1.2	0.4	2.3	45.5	6753	6698
1 C	800	59	2.6	1.4	0.4	2.4	51.0	8437	8376
1 C	1000	59	2.8	1.4	0.4	2.6	57.0	10434	10364

2 CORE COPPER CONDUCTOR, XLPE INSULATED ARMOURED CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2 (nos.)	Nominal Thickness of XLPE Insulation	Nominal Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
CIRCULAR CONDUCTOR									
2 C	1.5	7	0.7	1.0	0.2	1.1	13.5	247	239
2 C	2.5	7	0.7	1.0	0.2	1.2	14.5	293	286
2 C	4	7	0.7	1.0	0.2	1.2	15.5	356	347
2 C	6	7	0.7	1.0	0.2	1.2	16.5	421	412
2 C	10	7	0.7	1.0	0.3	1.3	19.5	618	601
2 C	16	7	0.7	1.0	0.3	1.4	21.0	782	765
SHAPED CONDUCTOR									
2 C	16	7	0.7	1.0	0.3	1.4	17.5	604	589
2 C	25	7	0.9	1.0	0.3	1.5	20.0	836	819
2 C	35	7	0.9	1.0	0.3	1.6	22.0	1053	1035
2 C	50	7	1.0	1.0	0.3	1.7	24.0	1378	1357
2 C	70	19	1.1	1.0	0.3	1.9	27.0	1826	1803
2 C	95	19	1.1	1.2	0.3	2.0	30.0	2359	2333
2 C	120	19	1.2	1.2	0.4	2.1	33.0	2977	2938
2 C	150	19	1.4	1.2	0.4	2.3	36.0	3621	3579
2 C	185	37	1.6	1.4	0.4	2.4	40.0	4400	4354
2 C	240	37	1.7	1.4	0.4	2.6	44.0	5517	5466
2 C	300	37	1.8	1.6	0.4	2.8	48.0	6757	6700
2 C	400	59	2.0	1.6	0.4	3.1	53.0	8654	8591

3 CORE COPPER CONDUCTOR, XLPE INSULATED ARMOURED CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2 (nos.)	Nominal Thickness of XLPE Insulation	Nominal Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
CIRCULAR CONDUCTOR									
3 C	1.5	7	0.7	1.0	0.2	1.1	14.0	273	266
3 C	2.5	7	0.7	1.0	0.2	1.2	15.0	330	322
3 C	4	7	0.7	1.0	0.2	1.2	16.5	407	398
3 C	6	7	0.7	1.0	0.3	1.3	18.0	549	533
3 C	10	7	0.7	1.0	0.3	1.4	20.5	736	719
3 C	16	7	0.7	1.0	0.3	1.4	22.0	944	925

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2 (nos.)	Nominal Thickness of XLPE Insulation	Nominal Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
SECTOR SHAPED CONDUCTOR									
3 C	16	7	0.7	1.0	0.3	1.4	19.5	802	786
3 C	25	7	0.9	1.0	0.3	1.6	23.0	1146	1126
3 C	35	7	0.9	1.0	0.3	1.7	24.5	1451	1430
3 C	50	7	1.0	1.0	0.3	1.8	28.5	1946	1922
3 C	70	19	1.1	1.2	0.3	1.9	31.5	2601	2573
3 C	95	19	1.1	1.2	0.4	2.1	36.0	3464	3422
3 C	120	19	1.2	1.2	0.4	2.2	38.5	4230	4184
3 C	150	19	1.4	1.4	0.4	2.4	43.0	5225	5174
3 C	185	37	1.6	1.4	0.4	2.6	47.5	6333	6277
3 C	240	37	1.7	1.6	0.4	2.8	51.5	7999	7937
3 C	300	37	1.8	1.6	0.4	3.0	63.5	9998	9921
3 C	400	59	2.0	1.6	0.4	3.3	71.5	13030	12943

3.5 CORE COPPER CONDUCTOR, XLPE INSULATED ARMOURED CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2 (nos.)	Nominal Thickness of XLPE Insulation	Nominal Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
SECTOR SHAPED CONDUCTOR									
3.5 C	x 25 / 16	7 / 7	0.9 / 0.7	1.0	0.3	1.6	24.5	1329	1308
3.5 C	x 35 / 16	7 / 7	0.9 / 0.7	1.0	0.3	1.7	26.5	1645	1623
3.5 C	x 50 / 25	7 / 7	1.0 / 0.9	1.0	0.3	1.8	29.5	2216	2190
3.5 C	x 70 / 35	19 / 7	1.1 / 0.9	1.2	0.3	2.0	34.0	2995	2965
3.5 C	x 95 / 50	19 / 7	1.1 / 1.0	1.2	0.4	2.2	38.5	4018	3973
3.5 C	x 120 / 70	19 / 19	1.2 / 1.1	1.2	0.4	2.3	42.0	4976	4927
3.5 C	x 150 / 70	19 / 19	1.4 / 1.1	1.4	0.4	2.4	46.0	5957	5902
3.5 C	x 185 / 95	37 / 19	1.6 / 1.1	1.4	0.4	2.6	51.0	7311	7250
3.5 C	x 240/120	37 / 19	1.7 / 1.2	1.6	0.4	2.8	57.0	9264	9195
3.5 C	x 300/150	37 / 19	1.8 / 1.4	1.6	0.4	3.0	62.0	11298	11223
3.5 C	x 400/185	59 / 37	2.0 / 1.6	1.8	0.4	3.3	69.0	14659	14576

4 CORE COPPER CONDUCTOR, XLPE INSULATED ARMOURED CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2 (nos.)	Nominal Thickness of XLPE Insulation	Nominal Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
CIRCULAR CONDUCTOR									
4 C	1.5	7	0.7	1.0	0.2	1.2	15.0	322	313
4 C	2.5	7	0.7	1.0	0.2	1.2	16.0	385	376
4 C	4	7	0.7	1.0	0.3	1.3	18.5	538	523
4 C	6	7	0.7	1.0	0.3	1.3	19.5	648	632
4 C	10	7	0.7	1.0	0.3	1.4	22.0	882	863
4 C	16	7	0.7	1.0	0.3	1.5	24.0	1159	1139
SECTOR SHAPED CONDUCTOR									
4 C	16	7	0.7	1.0	0.3	1.5	21.5	1009	991
4 C	25	7	0.9	1.0	0.3	1.6	25.5	1442	1420
4 C	35	7	0.9	1.0	0.3	1.8	28.0	1862	1838
4 C	50	7	1.0	1.2	0.3	1.9	32.0	2529	2501
4 C	70	19	1.1	1.2	0.3	2.1	36.0	3374	3342
4 C	95	19	1.1	1.2	0.4	2.2	41.0	4490	4441
4 C	120	19	1.2	1.4	0.4	2.4	44.5	5559	5506
4 C	150	19	1.4	1.4	0.4	2.6	48.5	6784	6726
4 C	185	37	1.6	1.6	0.4	2.8	54.5	8318	8252
4 C	240	37	1.7	1.6	0.4	3.0	60.5	10498	10425
4 C	300	37	1.8	1.6	0.4	3.2	68.0	12898	12815
4 C	400	59	2.0	1.8	0.4	3.5	77.5	16934	16840



FIRE RESISTANT CONTROL CABLES

RATED OPERATING VOLTAGE : 0.6/1.0 KV (1.2kV)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 353

FIRE RESISTANT TEST : IEC 60331-21

1. CONDUCTOR MATERIAL : Stranded, annealed , plain or tinned copper class 2 as per IEC 60228, Optional Flexible Class 5 conductor

2. HEAT BARRIER : Glass mica tape

3. INSULATION MATERIAL : Extruded XLPE Insulation

4. INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359

5. ARMOUR / BRAIDING MATERIAL : Annealed Copper Wire tinned or untinned, Option GI wire, SS wire or Bronze wire

6. OUTER SHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359



1.5 SQMM COPPER CONDUCTOR, XLPE INSULATED ARMOURED CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Nominal Thickness of Inner Sheath	ARMOUR (ATC / G I) Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
2	1.5	7	0.7	1.0	0.2	1.1	13.5	247	240
3	1.5	7	0.7	1.0	0.2	1.1	14.0	274	266
4	1.5	7	0.7	1.0	0.2	1.2	15.0	323	315
5	1.5	7	0.7	1.0	0.2	1.2	16.0	372	363
6	1.5	7	0.7	1.0	0.3	1.3	18.0	482	467
7	1.5	7	0.7	1.0	0.3	1.3	18.0	487	472
8	1.5	7	0.7	1.0	0.3	1.3	19.5	512	495
9	1.5	7	0.7	1.0	0.3	1.4	21.0	570	552
10	1.5	7	0.7	1.0	0.3	1.4	20.0	570	553
11	1.5	7	0.7	1.0	0.3	1.4	20.0	593	576
12	1.5	7	0.7	1.0	0.3	1.4	21.0	630	612
13	1.5	7	0.7	1.0	0.3	1.5	23.5	719	698
14	1.5	7	0.7	1.0	0.3	1.5	23.5	741	721
15	1.5	7	0.7	1.0	0.3	1.5	25.0	787	766
16	1.5	7	0.7	1.0	0.3	1.5	25.0	810	788
17	1.5	7	0.7	1.0	0.3	1.5	26.0	855	833
18	1.5	7	0.7	1.0	0.3	1.5	26.0	878	855
19	1.5	7	0.7	1.0	0.3	1.5	26.0	900	878
20	1.5	7	0.7	1.0	0.3	1.6	27.5	961	937
21	1.5	7	0.7	1.0	0.3	1.6	27.5	983	959
22	1.5	7	0.7	1.0	0.3	1.6	28.5	1034	1009
23	1.5	7	0.7	1.0	0.3	1.6	28.5	1056	1031

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Nominal Thickness of Inner Sheath	ARMOUR (ATC / G I) Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
24	1.5	7	0.7	1.0	0.3	1.7	30.0	1120	1094
25	1.5	7	0.7	1.0	0.3	1.7	30.0	1143	1117
26	1.5	7	0.7	1.0	0.3	1.7	30.0	1166	1139
27	1.5	7	0.7	1.0	0.3	1.7	30.5	1199	1172
28	1.5	7	0.7	1.0	0.3	1.7	31.5	1244	1216
29	1.5	7	0.7	1.0	0.3	1.7	31.5	1266	1238
30	1.5	7	0.7	1.0	0.3	1.7	31.5	1289	1261
31	1.5	7	0.7	1.0	0.3	1.7	32.5	1335	1306
32	1.5	7	0.7	1.0	0.3	1.7	32.5	1358	1329
33	1.5	7	0.7	1.0	0.3	1.7	32.5	1381	1351
34	1.5	7	0.7	1.0	0.3	1.8	34.0	1443	1413
35	1.5	7	0.7	1.0	0.3	1.8	34.0	1465	1435
36	1.5	7	0.7	1.0	0.3	1.8	34.0	1488	1458
37	1.5	7	0.7	1.0	0.3	1.8	34.0	1510	1480
38	1.5	7	0.7	1.0	0.3	1.8	35.5	1562	1531
39	1.5	7	0.7	1.0	0.3	1.8	35.5	1585	1553
40	1.5	7	0.7	1.0	0.3	1.8	35.5	1607	1576
41	1.5	7	0.7	1.0	0.3	1.9	36.5	1673	1641
42	1.5	7	0.7	1.0	0.3	1.9	36.5	1696	1663
43	1.5	7	0.7	1.0	0.3	1.9	36.5	1718	1686
44	1.5	7	0.7	1.2	0.3	1.9	38.5	1808	1773
45	1.5	7	0.7	1.2	0.3	1.9	38.5	1830	1796
46	1.5	7	0.7	1.2	0.3	1.9	38.5	1853	1818
47	1.5	7	0.7	1.2	0.3	1.9	38.5	1875	1841
48	1.5	7	0.7	1.2	0.3	1.9	39.0	1910	1875
52	1.5	7	0.7	1.2	0.3	2.0	40.0	2042	2006
61	1.5	7	0.7	1.2	0.3	2.0	42.5	2298	2260

FIRE RESISTANT CONTROL CABLES

2.5 SQMM COPPER CONDUCTOR, XLPE INSULATED ARMOURED CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Nominal Thickness of Inner Sheath	ARMOUR (ATC / G I) Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
2	2.5	7	0.7	1.0	0.2	1.2	14.5	294	287
3	2.5	7	0.7	1.0	0.2	1.2	15.0	332	324
4	2.5	7	0.7	1.0	0.2	1.2	16.0	388	379
5	2.5	7	0.7	1.0	0.3	1.3	18.0	503	488
6	2.5	7	0.7	1.0	0.3	1.3	19.0	577	561
7	2.5	7	0.7	1.0	0.3	1.3	19.0	589	573
8	2.5	7	0.7	1.0	0.3	1.4	21.5	630	612
9	2.5	7	0.7	1.0	0.3	1.4	22.5	692	672
10	2.5	7	0.7	1.0	0.3	1.5	21.5	709	691
11	2.5	7	0.7	1.0	0.3	1.5	21.5	742	724
12	2.5	7	0.7	1.0	0.3	1.5	22.5	791	772
13	2.5	7	0.7	1.0	0.3	1.5	25.5	885	863
14	2.5	7	0.7	1.0	0.3	1.5	25.5	918	896
15	2.5	7	0.7	1.0	0.3	1.6	27.0	990	967
16	2.5	7	0.7	1.0	0.3	1.6	27.0	1023	999
17	2.5	7	0.7	1.0	0.3	1.6	28.0	1081	1056
18	2.5	7	0.7	1.0	0.3	1.6	28.0	1114	1089
19	2.5	7	0.7	1.0	0.3	1.6	28.0	1146	1122
20	2.5	7	0.7	1.0	0.3	1.7	29.5	1222	1196
21	2.5	7	0.7	1.0	0.3	1.7	29.5	1255	1229
22	2.5	7	0.7	1.0	0.3	1.7	31.0	1318	1291
23	2.5	7	0.7	1.0	0.3	1.7	31.0	1351	1324
24	2.5	7	0.7	1.0	0.3	1.8	32.5	1429	1400
25	2.5	7	0.7	1.0	0.3	1.8	32.5	1462	1433
26	2.5	7	0.7	1.0	0.3	1.8	32.5	1494	1466
27	2.5	7	0.7	1.0	0.3	1.8	33.5	1541	1511
28	2.5	7	0.7	1.0	0.3	1.8	34.5	1598	1567
29	2.5	7	0.7	1.0	0.3	1.8	34.5	1630	1600
30	2.5	7	0.7	1.0	0.3	1.8	34.5	1663	1632
31	2.5	7	0.7	1.0	0.3	1.9	36.0	1739	1707
32	2.5	7	0.7	1.0	0.3	1.9	36.0	1771	1740
33	2.5	7	0.7	1.0	0.3	1.9	36.0	1804	1772
34	2.5	7	0.7	1.2	0.3	1.9	37.5	1900	1867
35	2.5	7	0.7	1.2	0.3	1.9	37.5	1933	1899
36	2.5	7	0.7	1.2	0.3	1.9	37.5	1965	1932
37	2.5	7	0.7	1.2	0.3	1.9	37.5	1998	1964
38	2.5	7	0.7	1.2	0.3	1.9	39.0	2064	2029
39	2.5	7	0.7	1.2	0.3	1.9	39.0	2097	2062
40	2.5	7	0.7	1.2	0.3	1.9	39.0	2129	2094
41	2.5	7	0.7	1.2	0.3	2.0	40.5	2214	2177
42	2.5	7	0.7	1.2	0.3	2.0	40.5	2246	2210
43	2.5	7	0.7	1.2	0.3	2.0	40.5	2279	2242
44	2.5	7	0.7	1.2	0.3	2.0	42.0	2345	2308

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Nominal Thickness of Inner Sheath	ARMOUR (ATC / G I) Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
45	2.5	7	0.7	1.2	0.3	2.0	42.0	2378	2340
46	2.5	7	0.7	1.2	0.3	2.0	42.0	2410	2373
47	2.5	7	0.7	1.2	0.3	2.0	42.0	2443	2405
48	2.5	7	0.7	1.2	0.4	2.1	43.0	2630	2578
52	2.5	7	0.7	1.2	0.4	2.1	44.0	2791	2737
61	2.5	7	0.7	1.2	0.4	2.2	47.0	3172	3115



FIRE RESISTANT POWER CABLES (UNARMOURED)

RATED OPERATING VOLTAGE : 0.6/1.0 kV (1.2kV)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 353

FIRE RESISTANT TEST : IEC 60331 – 21

1. CONDUCTOR MATERIAL : Stranded, annealed , plain or tinned copper class 2 as per IEC 60228, Optional Flexible Class 5 conductor

2. HEAT BARRIER : Glass mica tape

3. INSULATION MATERIAL : Extruded XLPE Insulation

4. OUTER SHEATH MATERIAL: Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359



1 CORE COPPER CONDUCTOR, XLPE INSULATED UNARMOURED CABLE
Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV
DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable
			mm	mm	mm	kg/km
1 C	1.5	7	0.7	1.0	6.5	50
1 C	2.5	7	0.7	1.0	7.0	62
1 C	4	7	0.7	1.0	7.5	81
1 C	6	7	0.7	1.0	8.0	102
1 C	10	7	0.7	1.0	9.0	145
1 C	16	7	0.7	1.1	10.0	207
1 C	25	7	0.9	1.1	11.5	301
1 C	35	7	0.9	1.2	12.5	401
1 C	50	7	1.0	1.2	14.0	544
1 C	70	19	1.1	1.3	16.0	744
1 C	95	19	1.1	1.3	17.5	974
1 C	120	19	1.2	1.4	20.0	1225
1 C	150	19	1.4	1.5	21.5	1508
1 C	185	37	1.6	1.6	24.0	1854
1 C	240	37	1.7	1.7	27.0	2371
1 C	300	37	1.8	1.7	29.0	2915
1 C	400	59	2.0	1.9	33.0	3861
1 C	500	59	2.2	2.0	36.5	4785
1 C	630	59	2.4	2.1	41.0	5991
1 C	800	59	2.6	2.3	46.0	7562
1 C	1000	59	2.8	2.5	52.0	9445

2 CORE COPPER CONDUCTOR, XLPE INSULATED UNARMOURED CABLE
Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV
DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2 (nos.)	Nominal Thickness of Insulation	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable
			mm	mm	mm	kg/km
CIRCULAR CONDUCTOR						
2 C	1.5	7	0.7	1.1	10.5	128
2 C	2.5	7	0.7	1.1	11.0	160
2 C	4	7	0.7	1.1	12.5	209
2 C	6	7	0.7	1.2	13.5	270
2 C	10	7	0.7	1.2	15.5	384
2 C	16	7	0.7	1.3	17.0	527
SHAPED CONDUCTOR						
2 C	16	7	0.7	1.3	14.0	396
2 C	25	7	0.9	1.4	16.5	593
2 C	35	7	0.9	1.5	18.0	789
2 C	50	7	1.0	1.6	20.5	1083
2 C	70	19	1.1	1.8	23.5	1492
2 C	95	19	1.1	1.9	26.0	1963
2 C	120	19	1.2	2.0	28.5	2451
2 C	150	19	1.4	2.2	31.5	3044
2 C	185	37	1.6	2.3	35.0	3729
2 C	240	37	1.7	2.5	39.0	4776
2 C	300	37	1.8	2.7	42.5	5904
2 C	400	59	2.0	3.0	48.0	7702

3 CORE COPPER CONDUCTOR, XLPE INSULATED UNARMOURED CABLE
Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV
DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2 (nos.)	Nominal Thickness of Insulation	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable
			mm	mm	mm	kg/km
CIRCULAR CONDUCTOR						
3 C	1.5	7	0.7	1.1	11.0	148
3 C	2.5	7	0.7	1.1	12.0	190
3 C	4	7	0.7	1.2	13.5	258
3 C	6	7	0.7	1.2	14.5	331
3 C	10	7	0.7	1.3	17.0	486
3 C	16	7	0.7	1.3	18.5	673

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2 (nos.)	Nominal Thickness of Insulation	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable
			mm	mm	mm	kg/km
SECTOR SHAPED CONDUCTOR						
3 C	16	7	0.7	1.3	16.0	567
3 C	25	7	0.9	1.5	19.5	864
3 C	35	7	0.9	1.6	21.0	1150
3 C	50	7	1.0	1.7	24.5	1595
3 C	70	19	1.1	1.8	27.5	2179
3 C	95	19	1.1	2.0	31.0	2893
3 C	120	19	1.2	2.1	34.0	3612
3 C	150	19	1.4	2.3	38.0	4494
3 C	185	37	1.6	2.4	42.0	5509
3 C	240	37	1.7	2.6	46.0	7051
3 C	300	37	1.8	2.8	57.5	8822
3 C	400	59	2.0	3.1	66.0	11695

3.5 CORE COPPER CONDUCTOR, XLPE INSULATED UNARMOURED CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT

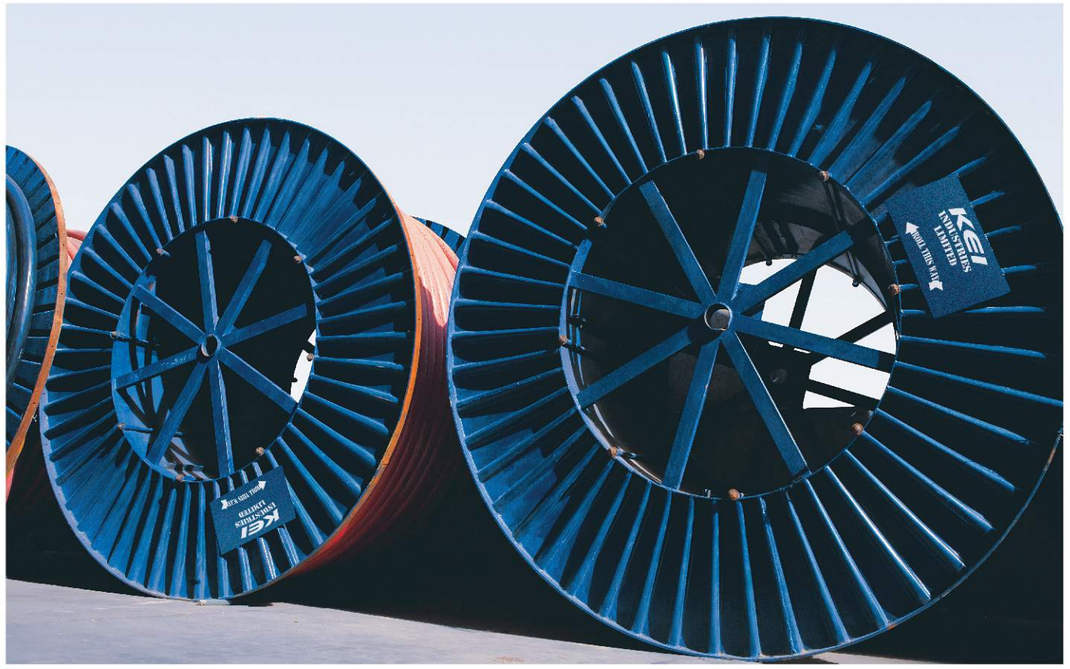
No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2 (nos.)	Nominal Thickness of Insulation	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable
			mm	mm	mm	kg/km
SECTOR SHAPED CONDUCTOR						
3.5 C	x 25 / 16	7 / 7	0.9 / 0.7	1.5	21.0	1028
3.5 C	x 35 / 16	7 / 7	0.9 / 0.7	1.6	23.0	1318
3.5 C	x 50 / 25	7 / 7	1.0 / 0.9	1.7	26.0	1845
3.5 C	x 70 / 35	19 / 7	1.1 / 0.9	1.9	30.0	2539
3.5 C	x 95 / 50	19 / 7	1.1 / 1.0	2.0	34.0	3381
3.5 C	x 120 / 70	19 / 19	1.2 / 1.1	2.2	37.0	4302
3.5 C	x 150 / 70	19 / 19	1.4 / 1.1	2.3	41.0	5170
3.5 C	x 185 / 95	37 / 19	1.6 / 1.1	2.5	46.0	6434
3.5 C	x 240 / 120	37 / 19	1.7 / 1.2	2.7	52.0	8230
3.5 C	x 300 / 150	37 / 19	1.8 / 1.4	2.9	56.5	10178
3.5 C	x 400 / 185	59 / 37	2.0 / 1.6	3.2	63.0	13347

4 CORE COPPER CONDUCTOR, XLPE INSULATED UNARMOURED CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2 (nos.)	Nominal Thickness of Insulation	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable
			mm	mm	mm	kg/km
CIRCULAR CONDUCTOR						
4 C	1.5	7	0.7	1.1	12.0	180
4 C	2.5	7	0.7	1.1	13.0	232
4 C	4	7	0.7	1.2	14.5	318
4 C	6	7	0.7	1.2	16.0	412
4 C	10	7	0.7	1.3	18.5	610
4 C	16	7	0.7	1.4	20.5	862
SECTOR SHAPED CONDUCTOR						
4 C	16	7	0.7	1.4	18.0	745
4 C	25	7	0.9	1.6	22.0	1136
4 C	35	7	0.9	1.7	24.0	1518
4 C	50	7	1.0	1.8	28.0	2101
4 C	70	19	1.1	2.0	32.0	2892
4 C	95	19	1.1	2.1	36.5	3828
4 C	120	19	1.2	2.3	39.5	4798
4 C	150	19	1.4	2.4	43.5	5935
4 C	185	37	1.6	2.6	49.0	7311
4 C	240	37	1.7	2.9	55.0	9402
4 C	300	37	1.8	3.1	62.5	11658
4 C	400	59	2.0	3.4	71.5	15453



FIRE RESISTANT CONTROL CABLES (UNARMOURED)

RATED OPERATING VOLTAGE : 0.6/1.0 kV (1.2kV)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 353

FIRE RESISTANT TEST : IEC 60331 – 21



1. CONDUCTOR MATERIAL : Stranded, annealed, plain or tinned copper class 2 as per IEC 60228, Optional Flexible Class 5 conductor

2. HEAT BARRIER : Glass mica tape

3. INSULATION MATERIAL : Extruded XLPE Insulation

4. OUTER SHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359

1.5 SQMM COPPER CONDUCTOR, XLPE INSULATED UNARMOURED CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable
			mm	mm	mm	kg/km
2	1.5	7	0.7	1.1	10.5	129
3	1.5	7	0.7	1.1	11.0	149
4	1.5	7	0.7	1.1	12.0	181
5	1.5	7	0.7	1.1	13.0	218
6	1.5	7	0.7	1.2	14.5	265
7	1.5	7	0.7	1.2	14.5	270
8	1.5	7	0.7	1.2	16.0	277
9	1.5	7	0.7	1.3	17.5	317
10	1.5	7	0.7	1.3	16.5	332
11	1.5	7	0.7	1.3	16.5	354
12	1.5	7	0.7	1.3	17.0	382
13	1.5	7	0.7	1.4	20.0	433
14	1.5	7	0.7	1.4	20.0	456
15	1.5	7	0.7	1.4	21.0	487
16	1.5	7	0.7	1.4	21.0	509
17	1.5	7	0.7	1.4	22.0	540
18	1.5	7	0.7	1.4	22.0	563
19	1.5	7	0.7	1.4	22.0	585
20	1.5	7	0.7	1.5	23.5	628
21	1.5	7	0.7	1.5	23.5	651
22	1.5	7	0.7	1.5	25.0	684
23	1.5	7	0.7	1.5	25.0	707
24	1.5	7	0.7	1.6	26.5	752
25	1.5	7	0.7	1.6	26.5	775
26	1.5	7	0.7	1.6	26.5	797
27	1.5	7	0.7	1.6	27.0	824
28	1.5	7	0.7	1.6	28.0	856
29	1.5	7	0.7	1.6	28.0	878
30	1.5	7	0.7	1.6	28.0	901
31	1.5	7	0.7	1.7	29.0	947
32	1.5	7	0.7	1.7	29.0	969
33	1.5	7	0.7	1.7	29.0	992
34	1.5	7	0.7	1.7	30.5	1024
35	1.5	7	0.7	1.7	30.5	1047
36	1.5	7	0.7	1.7	30.5	1069
37	1.5	7	0.7	1.7	30.5	1092
38	1.5	7	0.7	1.7	31.5	1126
39	1.5	7	0.7	1.7	31.5	1149
40	1.5	7	0.7	1.7	31.5	1171
41	1.5	7	0.7	1.8	33.0	1221
42	1.5	7	0.7	1.8	33.0	1243
43	1.5	7	0.7	1.8	33.0	1266
44	1.5	7	0.7	1.8	34.5	1301
45	1.5	7	0.7	1.8	34.5	1323
46	1.5	7	0.7	1.8	34.5	1346
47	1.5	7	0.7	1.8	34.5	1368
48	1.5	7	0.7	1.8	35.0	1396
52	1.5	7	0.7	1.9	36.0	1513
61	1.5	7	0.7	2.0	38.5	1756



FIRE RESISTANT CONTROL CABLES (UNARMOURED)

2.5 SQMM COPPER CONDUCTOR, XLPE INSULATED UNARMOURED CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable
			mm	mm	mm	kg/km
2	2.5	7	0.7	1.1	11.0	161
3	2.5	7	0.7	1.1	12.0	191
4	2.5	7	0.7	1.1	13.0	235
5	2.5	7	0.7	1.2	14.0	287
6	2.5	7	0.7	1.2	15.5	344
7	2.5	7	0.7	1.2	15.5	356
8	2.5	7	0.7	1.3	17.5	376
9	2.5	7	0.7	1.3	19.0	418
10	2.5	7	0.7	1.4	18.0	451
11	2.5	7	0.7	1.4	18.0	483
12	2.5	7	0.7	1.4	19.0	522
13	2.5	7	0.7	1.4	21.5	577
14	2.5	7	0.7	1.4	21.5	610
15	2.5	7	0.7	1.5	23.0	663
16	2.5	7	0.7	1.5	23.0	696
17	2.5	7	0.7	1.5	24.5	738
18	2.5	7	0.7	1.5	24.5	771
19	2.5	7	0.7	1.5	24.5	803
20	2.5	7	0.7	1.6	26.0	860
21	2.5	7	0.7	1.6	26.0	892
22	2.5	7	0.7	1.6	27.5	937
23	2.5	7	0.7	1.6	27.5	970
24	2.5	7	0.7	1.7	29.0	1028
25	2.5	7	0.7	1.7	29.0	1061
26	2.5	7	0.7	1.7	29.0	1093
27	2.5	7	0.7	1.7	29.5	1131
28	2.5	7	0.7	1.7	30.5	1174
29	2.5	7	0.7	1.7	30.5	1207
30	2.5	7	0.7	1.7	30.5	1239
31	2.5	7	0.7	1.8	32.0	1298
32	2.5	7	0.7	1.8	32.0	1331
33	2.5	7	0.7	1.8	32.0	1363
34	2.5	7	0.7	1.8	33.5	1407
35	2.5	7	0.7	1.8	33.5	1440
36	2.5	7	0.7	1.8	33.5	1472
37	2.5	7	0.7	1.8	33.5	1505
38	2.5	7	0.7	1.9	35.0	1568
39	2.5	7	0.7	1.9	35.0	1600
40	2.5	7	0.7	1.9	35.0	1633
41	2.5	7	0.7	1.9	36.5	1680
42	2.5	7	0.7	1.9	36.5	1712
43	2.5	7	0.7	1.9	36.5	1745
44	2.5	7	0.7	2.0	38.0	1810
45	2.5	7	0.7	2.0	38.0	1842
46	2.5	7	0.7	2.0	38.0	1875
47	2.5	7	0.7	2.0	38.0	1907
48	2.5	7	0.7	2.0	38.5	1946
52	2.5	7	0.7	2.0	39.5	2088
61	2.5	7	0.7	2.1	42.0	2427



POWER CABLES (LAPPED INNER SHEATH)

RATED OPERATING VOLTAGE : 0.6/1.0 (1.2) kV

MAX CONDUCTOR OPERATING TEMPERATURE: 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 353

1. **CONDUCTOR MATERIAL :** Stranded, annealed , plain or tinned copper class 2 as per IEC 60228, Optional Flexible Class 5 conductor
2. **INSULATION MATERIAL :** XLPE/ HF XLPE
3. **INNER COVER MATERIAL :** Lapped polymeric tape
4. **ARMOUR / BRAIDING MATERIAL :** Annealed Copper Wire tinned or untinned, Optional GI wire, SS wire or Bronze wire
5. **OUTER SHEATH MATERIAL :** Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359

1 CORE COPPER CONDUCTOR, XLPE INSULATED, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
1 C	1.5	7	0.7	0.4	0.2	1.0	7.5	88	85
1 C	2.5	7	0.7	0.4	0.2	1.0	8.0	103	99
1 C	4	7	0.7	0.4	0.2	1.0	8.5	125	121
1 C	6	7	0.7	0.4	0.2	1.0	9.0	149	145
1 C	10	7	0.7	0.4	0.2	1.1	10.0	203	198
1 C	16	7	0.7	0.4	0.2	1.1	11.0	265	259
1 C	25	7	0.9	0.4	0.2	1.2	12.5	376	369
1 C	35	7	0.9	0.4	0.2	1.2	13.5	477	469
1 C	50	7	1.0	0.4	0.3	1.3	15.5	676	664
1 C	70	19	1.1	0.4	0.3	1.4	18.0	896	881
1 C	95	19	1.1	0.4	0.3	1.4	19.5	1142	1126
1 C	120	19	1.2	0.4	0.3	1.5	22.0	1416	1397
1 C	150	19	1.4	0.4	0.3	1.6	23.5	1711	1691
1 C	185	37	1.6	0.4	0.3	1.6	25.5	2068	2045
1 C	240	37	1.7	0.4	0.3	1.7	28.5	2609	2584
1 C	300	37	1.8	0.4	0.3	1.8	31.0	3188	3161
1 C	400	59	2.0	0.4	0.3	2.0	35.0	4171	4140
1 C	500	59	2.2	0.4	0.4	2.1	39.0	5235	5189
1 C	630	59	2.4	0.4	0.4	2.2	43.0	6494	6442
1 C	800	59	2.6	0.4	0.4	2.4	48.0	8124	8066
1 C	1000	59	2.8	0.6	0.4	2.6	55.0	10146	10080

2 CORE COPPER CONDUCTOR, XLPE INSULATED, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
CIRCULAR CONDUCTOR									
2 C	1.5	7	0.7	0.4	0.2	1.1	11.0	153	147
2 C	2.5	7	0.7	0.4	0.2	1.1	11.5	183	177
2 C	4	7	0.7	0.4	0.2	1.2	13.0	233	226
2 C	6	7	0.7	0.4	0.2	1.2	14.0	283	276
2 C	10	7	0.7	0.4	0.3	1.3	16.5	437	423
2 C	16	7	0.7	0.4	0.3	1.4	18.5	573	558
SHAPED CONDUCTOR									
2 C	16	7	0.7	0.4	0.3	1.4	15.0	513	501
2 C	25	7	0.9	0.4	0.3	1.5	17.5	733	719
2 C	35	7	0.9	0.4	0.3	1.6	19.5	942	927
2 C	50	7	1.0	0.4	0.3	1.7	21.5	1256	1239
2 C	70	19	1.1	0.4	0.3	1.8	24.5	1678	1658
2 C	95	19	1.1	0.4	0.3	1.9	27.0	2168	2145
2 C	120	19	1.2	0.4	0.4	2.1	30.0	2772	2737
2 C	150	19	1.4	0.4	0.4	2.2	33.0	3387	3349
2 C	185	37	1.6	0.4	0.4	2.4	36.5	4123	4081
2 C	240	37	1.7	0.6	0.4	2.6	41.0	5260	5213
2 C	300	37	1.8	0.6	0.4	2.8	44.5	6432	6380
2 C	400	59	2.0	0.6	0.4	3.1	50.0	8306	8248

3 CORE COPPER CONDUCTOR, XLPE INSULATED, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
CIRCULAR CONDUCTOR									
3 C	1.5	7	0.7	0.4	0.2	1.1	11.5	178	172
3 C	2.5	7	0.7	0.4	0.2	1.1	12.0	218	211
3 C	4	7	0.7	0.4	0.2	1.2	13.5	284	277
3 C	6	7	0.7	0.4	0.2	1.2	15.0	353	345
3 C	10	7	0.7	0.4	0.3	1.3	17.5	547	533
3 C	16	7	0.7	0.4	0.3	1.4	19.5	738	722

3 CORE COPPER CONDUCTOR, XLPE INSULATED, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
SECTOR SHAPED CONDUCTOR									
3 C	16	7	0.7	0.4	0.3	1.4	17.0	696	683
3 C	25	7	0.9	0.4	0.3	1.5	20.5	1014	997
3 C	35	7	0.9	0.4	0.3	1.6	22.0	1308	1290
3 C	50	7	1.0	0.4	0.3	1.8	26.0	1798	1776
3 C	70	19	1.1	0.4	0.3	1.9	28.5	2404	2379
3 C	95	19	1.1	0.4	0.3	2.0	32.0	3131	3103
3 C	120	19	1.2	0.4	0.4	2.2	35.5	3979	3938
3 C	150	19	1.4	0.4	0.4	2.3	39.5	4894	4848
3 C	185	37	1.6	0.4	0.4	2.5	43.5	5971	5919
3 C	240	37	1.7	0.6	0.4	2.7	48.0	7607	7551
3 C	300	37	1.8	0.6	0.4	2.9	54.5	9384	9319
3 C	400	59	2.0	0.6	0.4	3.2	60.5	12281	12209

3.5 CORE COPPER CONDUCTOR, XLPE INSULATED, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
SECTOR SHAPED CONDUCTOR									
3.5 C	x 25 / 16	7 / 7	0.9 / 0.7	0.4	0.3	1.6	22.0	1194	1176
3.5 C	x 35 / 16	7 / 7	0.9 / 0.7	0.4	0.3	1.7	23.5	1500	1480
3.5 C	x 50 / 25	7 / 7	1.0 / 0.9	0.4	0.3	1.8	27.0	2053	2030
3.5 C	x 70 / 35	19 / 7	1.1 / 0.9	0.4	0.3	1.9	30.5	2764	2737
3.5 C	x 95 / 50	19 / 7	1.1 / 1.0	0.4	0.4	2.1	35.5	3750	3708
3.5 C	x 120 / 70	19 / 19	1.2 / 1.1	0.4	0.4	2.3	38.5	4698	4653
3.5 C	x 150 / 70	19 / 19	1.4 / 1.1	0.4	0.4	2.4	42.5	5616	5566
3.5 C	x 185 / 95	37 / 19	1.6 / 1.1	0.6	0.4	2.6	48.0	6990	6933
3.5 C	x 240/120	37 / 19	1.7 / 1.2	0.6	0.4	2.8	53.5	8851	8787
3.5 C	x 300/150	37 / 19	1.8 / 1.4	0.6	0.4	3.0	58.0	10852	10783
3.5 C	x 400/185	59 / 37	2.0 / 1.6	0.6	0.4	3.3	65.0	14098	14020

4 CORE COPPER CONDUCTOR, XLPE INSULATED, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
CIRCULAR CONDUCTOR									
4 C	1.5	7	0.7	0.4	0.2	1.1	12.0	207	201
4 C	2.5	7	0.7	0.4	0.2	1.2	13.5	264	257
4 C	4	7	0.7	0.4	0.2	1.2	15.0	340	332
4 C	6	7	0.7	0.4	0.3	1.3	16.5	482	468
4 C	10	7	0.7	0.4	0.3	1.4	19.5	677	660
4 C	16	7	0.7	0.4	0.3	1.5	21.0	924	906
SECTOR SHAPED CONDUCTOR									
4 C	16	7	0.7	0.4	0.3	1.5	19.0	886	871
4 C	25	7	0.9	0.4	0.3	1.6	23.0	1300	1281
4 C	35	7	0.9	0.4	0.3	1.7	25.0	1694	1673
4 C	50	7	1.0	0.4	0.3	1.9	29.0	2322	2297
4 C	70	19	1.1	0.4	0.3	2.0	32.5	3125	3096
4 C	95	19	1.1	0.4	0.4	2.2	38.0	4218	4174
4 C	120	19	1.2	0.4	0.4	2.3	41.0	5196	5148
4 C	150	19	1.4	0.6	0.4	2.5	45.5	6448	6395
4 C	185	37	1.6	0.6	0.4	2.7	51.0	7892	7831
4 C	240	37	1.7	0.6	0.4	3.0	57.0	10051	9983
4 C	300	37	1.8	0.6	0.4	3.2	63.0	12358	12282
4 C	400	59	2.0	0.6	0.4	3.5	72.0	16249	16162



CONTROL CABLES (LAPPED INNER SHEATH)

RATED OPERATING VOLTAGE : 0.6/1.0 (1.2) kV

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 353

CONDUCTOR MATERIAL : Stranded, annealed , plain or tinned copper class 2 as per IEC 60228, Optional Flexible Class 5 conductor

INSULATION MATERIAL : XLPE/ HF XLPE

INNER COVER MATERIAL : Lapped polymeric tape

ARMOUR / BRAIDING MATERIAL : Annealed Copper Wire tinned or untinned, Optional GI wire, SS wire or Bronze wire

OUTER SHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359

1.5 SQ MM, MULTI CORE COPPER CONDUCTOR, XLPE INSULATED, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2 (nos.)	Nominal Thickness of XLPE Insulation	Approx. Thickness of Inner Sheath	ARMOUR (ATC / G I) Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
2	1.5	7	0.7	0.4	0.2	1.1	11.0	153	147
3	1.5	7	0.7	0.4	0.2	1.1	11.5	178	172
4	1.5	7	0.7	0.4	0.2	1.1	12.0	207	201
5	1.5	7	0.7	0.4	0.2	1.2	13.0	243	237
6	1.5	7	0.7	0.4	0.2	1.2	14.0	274	267
7	1.5	7	0.7	0.4	0.2	1.2	14.0	292	285
8	1.5	7	0.7	0.4	0.3	1.3	16.0	382	368
9	1.5	7	0.7	0.4	0.3	1.3	17.5	419	405
10	1.5	7	0.7	0.4	0.3	1.3	16.5	421	408
11	1.5	7	0.7	0.4	0.3	1.3	16.5	439	426
12	1.5	7	0.7	0.4	0.3	1.4	17.0	475	461
13	1.5	7	0.7	0.4	0.3	1.4	19.5	534	517
14	1.5	7	0.7	0.4	0.3	1.4	19.5	551	535
15	1.5	7	0.7	0.4	0.3	1.4	20.5	586	569
16	1.5	7	0.7	0.4	0.3	1.4	20.5	604	587
17	1.5	7	0.7	0.4	0.3	1.5	21.5	648	630
18	1.5	7	0.7	0.4	0.3	1.5	21.5	666	648
19	1.5	7	0.7	0.4	0.3	1.5	21.5	684	666
20	1.5	7	0.7	0.4	0.3	1.5	22.5	720	701
21	1.5	7	0.7	0.4	0.3	1.5	22.5	738	719
22	1.5	7	0.7	0.4	0.3	1.5	23.5	777	757
23	1.5	7	0.7	0.4	0.3	1.5	23.5	795	775
24	1.5	7	0.7	0.4	0.3	1.6	24.5	843	822
25	1.5	7	0.7	0.4	0.3	1.6	24.5	861	839
26	1.5	7	0.7	0.4	0.3	1.6	24.5	879	857
27	1.5	7	0.7	0.4	0.3	1.6	25.0	906	884
28	1.5	7	0.7	0.4	0.3	1.6	26.0	939	917
29	1.5	7	0.7	0.4	0.3	1.6	26.0	957	935
30	1.5	7	0.7	0.4	0.3	1.6	26.0	975	953
31	1.5	7	0.7	0.4	0.3	1.6	27.0	1010	987
32	1.5	7	0.7	0.4	0.3	1.6	27.0	1028	1005
33	1.5	7	0.7	0.4	0.3	1.6	27.0	1046	1023
34	1.5	7	0.7	0.4	0.3	1.7	28.0	1094	1070
35	1.5	7	0.7	0.4	0.3	1.7	28.0	1112	1088
36	1.5	7	0.7	0.4	0.3	1.7	28.0	1130	1106
37	1.5	7	0.7	0.4	0.3	1.7	28.0	1148	1124
38	1.5	7	0.7	0.4	0.3	1.7	29.0	1186	1160
39	1.5	7	0.7	0.4	0.3	1.7	29.0	1204	1178
40	1.5	7	0.7	0.4	0.3	1.7	29.0	1221	1196
41	1.5	7	0.7	0.4	0.3	1.8	30.5	1275	1248
42	1.5	7	0.7	0.4	0.3	1.8	30.5	1293	1266
43	1.5	7	0.7	0.4	0.3	1.8	30.5	1311	1284
44	1.5	7	0.7	0.4	0.3	1.8	31.5	1349	1321
45	1.5	7	0.7	0.4	0.3	1.8	31.5	1367	1339
46	1.5	7	0.7	0.4	0.3	1.8	31.5	1385	1357
47	1.5	7	0.7	0.4	0.3	1.8	31.5	1402	1375
48	1.5	7	0.7	0.4	0.3	1.8	32.0	1430	1402
52	1.5	7	0.7	0.4	0.3	1.8	32.5	1518	1489
61	1.5	7	0.7	0.4	0.3	1.9	34.5	1731	1701

2.5 SQ MM, MULTI CORE COPPER CONDUCTOR, XLPE INSULATED, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2 (nos.)	Nominal Thickness of XLPE Insulation	Approx. Thickness of Inner Sheath	ARMOUR (ATC / G I) Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
2	2.5	7	0.7	0.4	0.2	1.1	11.5	183	177
3	2.5	7	0.7	0.4	0.2	1.1	12.0	218	212
4	2.5	7	0.7	0.4	0.2	1.2	13.5	264	257

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2 (nos.)	Nominal Thickness of XLPE Insulation	Approx. Thickness of Inner Sheath	ARMOUR (ATC / G I) Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
5	2.5	7	0.7	0.4	0.2	1.2	14.5	306	298
6	2.5	7	0.7	0.4	0.3	1.3	16.0	398	385
7	2.5	7	0.7	0.4	0.3	1.3	16.0	425	412
8	2.5	7	0.7	0.4	0.3	1.3	17.5	481	466
9	2.5	7	0.7	0.4	0.3	1.4	19.0	538	522
10	2.5	7	0.7	0.4	0.3	1.4	18.0	547	532
11	2.5	7	0.7	0.4	0.3	1.4	18.0	574	559
12	2.5	7	0.7	0.4	0.3	1.4	18.5	614	599
13	2.5	7	0.7	0.4	0.3	1.5	21.5	695	677
14	2.5	7	0.7	0.4	0.3	1.5	21.5	722	704
15	2.5	7	0.7	0.4	0.3	1.5	22.5	770	751
16	2.5	7	0.7	0.4	0.3	1.5	22.5	797	778
17	2.5	7	0.7	0.4	0.3	1.5	23.5	843	823
18	2.5	7	0.7	0.4	0.3	1.5	23.5	870	850
19	2.5	7	0.7	0.4	0.3	1.5	23.5	897	877
20	2.5	7	0.7	0.4	0.3	1.6	25.0	958	937
21	2.5	7	0.7	0.4	0.3	1.6	25.0	986	964
22	2.5	7	0.7	0.4	0.3	1.6	26.0	1034	1011
23	2.5	7	0.7	0.4	0.3	1.6	26.0	1061	1039
24	2.5	7	0.7	0.4	0.3	1.7	27.5	1124	1100
25	2.5	7	0.7	0.4	0.3	1.7	27.5	1151	1127
26	2.5	7	0.7	0.4	0.3	1.7	27.5	1178	1155
27	2.5	7	0.7	0.4	0.3	1.7	28.0	1215	1191
28	2.5	7	0.7	0.4	0.3	1.7	28.5	1260	1235
29	2.5	7	0.7	0.4	0.3	1.7	28.5	1287	1262
30	2.5	7	0.7	0.4	0.3	1.7	28.5	1314	1289
31	2.5	7	0.7	0.4	0.3	1.7	30.0	1363	1337
32	2.5	7	0.7	0.4	0.3	1.7	30.0	1390	1364
33	2.5	7	0.7	0.4	0.3	1.7	30.0	1418	1391
34	2.5	7	0.7	0.4	0.3	1.8	31.0	1479	1451
35	2.5	7	0.7	0.4	0.3	1.8	31.0	1506	1479
36	2.5	7	0.7	0.4	0.3	1.8	31.0	1533	1506
37	2.5	7	0.7	0.4	0.3	1.8	31.0	1560	1533
38	2.5	7	0.7	0.4	0.3	1.8	32.0	1612	1583
39	2.5	7	0.7	0.4	0.3	1.8	32.0	1639	1610
40	2.5	7	0.7	0.4	0.3	1.8	32.0	1666	1638
41	2.5	7	0.7	0.4	0.3	1.9	33.5	1731	1701
42	2.5	7	0.7	0.4	0.3	1.9	33.5	1758	1728
43	2.5	7	0.7	0.4	0.3	1.9	33.5	1785	1755
44	2.5	7	0.7	0.4	0.3	1.9	34.5	1837	1806
45	2.5	7	0.7	0.4	0.3	1.9	34.5	1864	1833
46	2.5	7	0.7	0.4	0.3	1.9	34.5	1891	1860
47	2.5	7	0.7	0.4	0.3	1.9	34.5	1918	1888
48	2.5	7	0.7	0.4	0.3	1.9	35.0	1956	1925
52	2.5	7	0.7	0.4	0.3	2.0	36.5	2100	2068
61	2.5	7	0.7	0.4	0.3	2.0	38.5	2389	2354

FIRE RESISTANT POWER CABLES (LAPPED INNER SHEATH)

RATED OPERATING VOLTAGE : 0.6/1.0 kV (1.2kV)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 353

FIRE RESISTANT TEST : IEC 60331 - 21

CONDUCTOR MATERIAL : Stranded, annealed , plain or tinned copper class 2 as per IEC 60228, Optional Flexible Class 5 conductor

HEAT BARRIER : Glass mica tape

INSULATION MATERIAL : Extruded XLPE Insulation

INNER COVER MATERIAL : Lapped polymeric tape

ARMOUR/ BRAIDING MATERIAL : Annealed Copper Wire tinned or untinned, Option GI wire, SS wire or Bronze wire

OUTER SHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359

1 CORE COPPER CONDUCTOR, XLPE INSULATED, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

Standard Specification : IEC : 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Nominal Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
1 C	1.5	7	0.7	0.4	0.2	1.0	8.0	102	98
1 C	2.5	7	0.7	0.4	0.2	1.0	8.5	117	113
1 C	4	7	0.7	0.4	0.2	1.0	9.0	140	136
1 C	6	7	0.7	0.4	0.2	1.1	10.0	170	166
1 C	10	7	0.7	0.4	0.2	1.1	11.0	222	217
1 C	16	7	0.7	0.4	0.2	1.1	11.5	285	279
1 C	25	7	0.9	0.4	0.2	1.2	13.5	399	392
1 C	35	7	0.9	0.4	0.2	1.2	14.5	502	494
1 C	50	7	1.0	0.4	0.3	1.3	16.5	706	693
1 C	70	19	1.1	0.4	0.3	1.4	18.5	929	914
1 C	95	19	1.1	0.4	0.3	1.4	20.0	1179	1162
1 C	120	19	1.2	0.4	0.3	1.5	22.5	1457	1438
1 C	150	19	1.4	0.4	0.3	1.6	24.0	1754	1733
1 C	185	37	1.6	0.4	0.3	1.6	26.5	2115	2092
1 C	240	37	1.7	0.4	0.3	1.7	29.0	2662	2636
1 C	300	37	1.8	0.4	0.3	1.8	31.5	3246	3218
1 C	400	59	2.0	0.4	0.3	2.0	35.5	4235	4203
1 C	500	59	2.2	0.4	0.4	2.1	39.5	5308	5261
1 C	630	59	2.4	0.4	0.4	2.3	44.0	6594	6542
1 C	800	59	2.6	0.4	0.4	2.4	49.0	8214	8155
1 C	1000	59	2.8	0.6	0.4	2.6	55.5	10216	10149

2 CORE COPPER CONDUCTOR, XLPE INSULATED, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

Standard Specification : IEC : 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Nominal Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
CIRCULAR CONDUCTOR									
2 C	1.5	7	0.7	0.4	0.2	1.1	12.0	181	174
2 C	2.5	7	0.7	0.4	0.2	1.2	13.0	218	211
2 C	4	7	0.7	0.4	0.2	1.2	14.5	265	258
2 C	6	7	0.7	0.4	0.2	1.2	15.5	318	309
2 C	10	7	0.7	0.4	0.3	1.3	18.0	479	464
2 C	16	7	0.7	0.4	0.3	1.4	19.5	619	603
SHAPED CONDUCTOR									
2 C	16	7	0.7	0.4	0.3	1.4	16.5	555	542
2 C	25	7	0.9	0.4	0.3	1.5	19.0	781	766
2 C	35	7	0.9	0.4	0.3	1.6	20.5	995	978
2 C	50	7	1.0	0.4	0.3	1.7	23.0	1315	1295
2 C	70	19	1.1	0.4	0.3	1.9	26.0	1755	1733
2 C	95	19	1.1	0.4	0.3	2.0	28.5	2252	2228
2 C	120	19	1.2	0.4	0.4	2.1	31.5	2854	2818
2 C	150	19	1.4	0.4	0.4	2.3	34.5	3491	3452
2 C	185	37	1.6	0.4	0.4	2.4	38.0	4219	4176
2 C	240	37	1.7	0.6	0.4	2.6	42.0	5368	5319
2 C	300	37	1.8	0.6	0.4	2.8	46.0	6549	6496
2 C	400	59	2.0	0.6	0.4	3.1	51.0	8437	8377

3 CORE COPPER CONDUCTOR, XLPE INSULATED, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

Standard Specification : IEC : 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Nominal Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
CIRCULAR CONDUCTOR									
3 C	1.5	7	0.7	0.4	0.2	1.1	13.0	212	205
3 C	2.5	7	0.7	0.4	0.2	1.2	14.0	260	253
3 C	4	7	0.7	0.4	0.2	1.2	15.0	324	316
3 C	6	7	0.7	0.4	0.3	1.3	17.0	450	436
3 C	10	7	0.7	0.4	0.3	1.4	19.5	610	594
3 C	16	7	0.7	0.4	0.3	1.4	21.0	797	779

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Nominal Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
SECTOR SHAPED CONDUCTOR									
3 C	16	7	0.7	0.4	0.3	1.4	18.5	749	734
3 C	25	7	0.9	0.4	0.3	1.6	22.0	1083	1065
3 C	35	7	0.9	0.4	0.3	1.7	23.5	1385	1365
3 C	50	7	1.0	0.4	0.3	1.8	27.0	1873	1850
3 C	70	19	1.1	0.4	0.3	1.9	30.0	2489	2463
3 C	95	19	1.1	0.4	0.4	2.1	34.0	3335	3296
3 C	120	19	1.2	0.4	0.4	2.2	37.0	4087	4044
3 C	150	19	1.4	0.4	0.4	2.4	41.0	5031	4983
3 C	185	37	1.6	0.6	0.4	2.6	45.5	6173	6119
3 C	240	37	1.7	0.6	0.4	2.8	49.5	7775	7716
3 C	300	37	1.8	0.6	0.4	3.0	61.5	9728	9654
3 C	400	59	2.0	0.6	0.4	3.3	69.5	12727	12643

3.5 CORE COPPER CONDUCTOR, XLPE INSULATED, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

Standard Specification : IEC : 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Nominal Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
SECTOR SHAPED CONDUCTOR									
3.5 C	x 25 / 16	7 / 7	0.9 / 0.7	0.4	0.3	1.6	23.5	1263	1243
3.5 C	x 35 / 16	7 / 7	0.9 / 0.7	0.4	0.3	1.7	25.5	1576	1555
3.5 C	x 50 / 25	7 / 7	1.0 / 0.9	0.4	0.3	1.8	28.5	2140	2115
3.5 C	x 70 / 35	19 / 7	1.1 / 0.9	0.4	0.3	2.0	32.5	2876	2848
3.5 C	x 95 / 50	19 / 7	1.1 / 1.0	0.4	0.4	2.2	37.0	3881	3837
3.5 C	x 120 / 70	19 / 19	1.2 / 1.1	0.4	0.4	2.3	40.0	4824	4776
3.5 C	x 150 / 70	19 / 19	1.4 / 1.1	0.4	0.4	2.4	44.0	5753	5700
3.5 C	x 185 / 95	37 / 19	1.6 / 1.1	0.6	0.4	2.6	49.5	7140	7081
3.5 C	x 240/120	37 / 19	1.7 / 1.2	0.6	0.4	2.8	55.0	9019	8953
3.5 C	x 300/150	37 / 19	1.8 / 1.4	0.6	0.4	3.0	60.0	11036	10964
3.5 C	x 400/185	59 / 37	2.0 / 1.6	0.6	0.4	3.3	66.5	14306	14226

4 CORE COPPER CONDUCTOR, XLPE INSULATED, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

Standard Specification : IEC : 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Nominal Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
CIRCULAR CONDUCTOR									
4 C	1.5	7	0.7	0.4	0.2	1.2	14.0	254	247
4 C	2.5	7	0.7	0.4	0.2	1.2	15.0	308	300
4 C	4	7	0.7	0.4	0.3	1.3	17.0	444	430
4 C	6	7	0.7	0.4	0.3	1.3	18.5	540	525
4 C	10	7	0.7	0.4	0.3	1.4	21.0	744	726
4 C	16	7	0.7	0.4	0.3	1.5	23.0	997	978
SECTOR SHAPED CONDUCTOR									
4 C	16	7	0.7	0.4	0.3	1.5	20.5	950	933
4 C	25	7	0.9	0.4	0.3	1.6	24.5	1374	1353
4 C	35	7	0.9	0.4	0.3	1.8	26.5	1788	1766
4 C	50	7	1.0	0.4	0.3	1.9	30.5	2416	2390
4 C	70	19	1.1	0.4	0.3	2.1	34.5	3247	3217
4 C	95	19	1.1	0.4	0.4	2.2	39.5	4343	4297
4 C	120	19	1.2	0.4	0.4	2.4	42.5	5352	5302
4 C	150	19	1.4	0.6	0.4	2.6	47.0	6622	6566
4 C	185	37	1.6	0.6	0.4	2.8	52.5	8082	8019
4 C	240	37	1.7	0.6	0.4	3.0	58.5	10236	10166
4 C	300	37	1.8	0.6	0.4	3.2	66.0	12606	12526
4 C	400	59	2.0	0.6	0.4	3.5	75.0	16534	16443



FIRE RESISTANT CONTROL CABLES (LAPPED INNER SHEATH)

RATED OPERATING VOLTAGE : 0.6/1.0 KV (1.2kV)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS :IEC 60092-350, 353

FIRE RESISTANT TEST : IEC 60331 – 21

CONDUCTOR MATERIAL : Stranded, annealed , plain or tinned copper class 2 as per IEC 60228, Optional Flexible Class 5 conductor

HEAT BARRIER : Glass mica tape

INSULATION MATERIAL : Extruded XLPE Insulation

INNER COVER MATERIAL : Lapped polymeric tape

ARMOUR / BRAIDING MATERIAL : Annealed Copper Wire tinned or untinned, Option GI wire, SS wire or Bronze wire

OUTER SHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359

1.5 SQ MM, MULTI CORE COPPER CONDUCTOR, XLPE INSULATED, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Nominal Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
2	1.5	7	0.7	0.4	0.2	1.1	12.0	180	174
3	1.5	7	0.7	0.4	0.2	1.1	12.5	211	205
4	1.5	7	0.7	0.4	0.2	1.2	14.0	254	247
5	1.5	7	0.7	0.4	0.2	1.2	15.0	293	285
6	1.5	7	0.7	0.4	0.3	1.3	17.0	384	370
7	1.5	7	0.7	0.4	0.3	1.3	17.0	407	393
8	1.5	7	0.7	0.4	0.3	1.3	18.5	460	444
9	1.5	7	0.7	0.4	0.3	1.4	20.0	515	498
10	1.5	7	0.7	0.4	0.3	1.4	19.0	517	501
11	1.5	7	0.7	0.4	0.3	1.4	19.0	539	524
12	1.5	7	0.7	0.4	0.3	1.4	19.5	575	558
13	1.5	7	0.7	0.4	0.3	1.5	22.5	657	638
14	1.5	7	0.7	0.4	0.3	1.5	22.5	680	660
15	1.5	7	0.7	0.4	0.3	1.5	23.5	723	703
16	1.5	7	0.7	0.4	0.3	1.5	23.5	745	725
17	1.5	7	0.7	0.4	0.3	1.5	24.5	789	767
18	1.5	7	0.7	0.4	0.3	1.5	24.5	811	790
19	1.5	7	0.7	0.4	0.3	1.5	24.5	834	812
20	1.5	7	0.7	0.4	0.3	1.6	26.0	891	868

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Nominal Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
21	1.5	7	0.7	0.4	0.3	1.6	26.0	913	890
22	1.5	7	0.7	0.4	0.3	1.6	27.5	961	937
23	1.5	7	0.7	0.4	0.3	1.6	27.5	983	959
24	1.5	7	0.7	0.4	0.3	1.7	29.0	1044	1019
25	1.5	7	0.7	0.4	0.3	1.7	29.0	1066	1041
26	1.5	7	0.7	0.4	0.3	1.7	29.0	1089	1064
27	1.5	7	0.7	0.4	0.3	1.7	29.5	1121	1096
28	1.5	7	0.7	0.4	0.3	1.7	30.5	1164	1137
29	1.5	7	0.7	0.4	0.3	1.7	30.5	1186	1159
30	1.5	7	0.7	0.4	0.3	1.7	30.5	1209	1182
31	1.5	7	0.7	0.4	0.3	1.7	31.5	1253	1225
32	1.5	7	0.7	0.4	0.3	1.7	31.5	1275	1247
33	1.5	7	0.7	0.4	0.3	1.7	31.5	1298	1270
34	1.5	7	0.7	0.4	0.3	1.8	33.0	1357	1328
35	1.5	7	0.7	0.4	0.3	1.8	33.0	1380	1351
36	1.5	7	0.7	0.4	0.3	1.8	33.0	1402	1373
37	1.5	7	0.7	0.4	0.3	1.8	33.0	1425	1396
38	1.5	7	0.7	0.4	0.3	1.8	34.0	1473	1443
39	1.5	7	0.7	0.4	0.3	1.8	34.0	1496	1466
40	1.5	7	0.7	0.4	0.3	1.8	34.0	1518	1488
41	1.5	7	0.7	0.4	0.3	1.9	35.5	1581	1550
42	1.5	7	0.7	0.4	0.3	1.9	35.5	1604	1572
43	1.5	7	0.7	0.4	0.3	1.9	35.5	1626	1595
44	1.5	7	0.7	0.4	0.3	1.9	37.0	1676	1643
45	1.5	7	0.7	0.4	0.3	1.9	37.0	1698	1666
46	1.5	7	0.7	0.4	0.3	1.9	37.0	1721	1688
47	1.5	7	0.7	0.4	0.3	1.9	37.0	1743	1711
48	1.5	7	0.7	0.4	0.3	1.9	37.5	1776	1743
52	1.5	7	0.7	0.4	0.3	2.0	38.5	1905	1870
61	1.5	7	0.7	0.4	0.3	2.0	40.5	2154	2117

2.5 SQ MM, MULTI CORE COPPER CONDUCTOR, XLPE INSULATED, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

Standard Specification : IEC 60092-353, Voltage Grade : 0.6 / 1 (1.2) kV

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Nominal Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
2	2.5	7	0.7	0.4	0.2	1.2	13.0	218	211
3	2.5	7	0.7	0.4	0.2	1.2	14.0	260	253
4	2.5	7	0.7	0.4	0.2	1.2	15.0	309	301
5	2.5	7	0.7	0.4	0.3	1.3	16.5	410	396

No. of Core	Cross Sectional Area (Sq mm)	No. of Wires in Conductor Class 2	Nominal Thickness of Insulation	Nominal Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable (kg/km)	
			mm	mm	mm	mm	mm	With ATC Wire Amoured	With G I Wire Amoured
6	2.5	7	0.7	0.4	0.3	1.3	18.0	466	451
7	2.5	7	0.7	0.4	0.3	1.3	18.0	499	484
8	2.5	7	0.7	0.4	0.3	1.4	20.0	574	557
9	2.5	7	0.7	0.4	0.3	1.4	21.5	632	614
10	2.5	7	0.7	0.4	0.3	1.5	20.5	652	635
11	2.5	7	0.7	0.4	0.3	1.5	20.5	685	668
12	2.5	7	0.7	0.4	0.3	1.5	21.5	733	715
13	2.5	7	0.7	0.4	0.3	1.5	24.0	820	799
14	2.5	7	0.7	0.4	0.3	1.5	24.0	852	831
15	2.5	7	0.7	0.4	0.3	1.6	25.5	921	899
16	2.5	7	0.7	0.4	0.3	1.6	25.5	953	931
17	2.5	7	0.7	0.4	0.3	1.6	27.0	1009	986
18	2.5	7	0.7	0.4	0.3	1.6	27.0	1042	1018
19	2.5	7	0.7	0.4	0.3	1.6	27.0	1074	1051
20	2.5	7	0.7	0.4	0.3	1.7	28.5	1147	1122
21	2.5	7	0.7	0.4	0.3	1.7	28.5	1179	1154
22	2.5	7	0.7	0.4	0.3	1.7	30.0	1240	1213
23	2.5	7	0.7	0.4	0.3	1.7	30.0	1272	1246
24	2.5	7	0.7	0.4	0.3	1.8	31.5	1347	1319
25	2.5	7	0.7	0.4	0.3	1.8	31.5	1379	1351
26	2.5	7	0.7	0.4	0.3	1.8	31.5	1412	1384
27	2.5	7	0.7	0.4	0.3	1.8	32.0	1456	1428
28	2.5	7	0.7	0.4	0.3	1.8	33.0	1511	1482
29	2.5	7	0.7	0.4	0.3	1.8	33.0	1544	1514
30	2.5	7	0.7	0.4	0.3	1.8	33.0	1576	1547
31	2.5	7	0.7	0.4	0.3	1.9	34.5	1649	1618
32	2.5	7	0.7	0.4	0.3	1.9	34.5	1682	1651
33	2.5	7	0.7	0.4	0.3	1.9	34.5	1714	1683
34	2.5	7	0.7	0.4	0.3	1.9	36.0	1771	1740
35	2.5	7	0.7	0.4	0.3	1.9	36.0	1804	1772
36	2.5	7	0.7	0.4	0.3	1.9	36.0	1837	1805
37	2.5	7	0.7	0.4	0.3	1.9	36.0	1869	1837
38	2.5	7	0.7	0.4	0.3	1.9	37.0	1931	1897
39	2.5	7	0.7	0.4	0.3	1.9	37.0	1963	1930
40	2.5	7	0.7	0.4	0.3	1.9	37.0	1996	1962
41	2.5	7	0.7	0.4	0.3	2.0	39.0	2075	2040
42	2.5	7	0.7	0.4	0.3	2.0	39.0	2108	2073
43	2.5	7	0.7	0.4	0.3	2.0	39.0	2140	2105
44	2.5	7	0.7	0.4	0.3	2.0	40.0	2202	2166
45	2.5	7	0.7	0.4	0.3	2.0	40.0	2235	2199
46	2.5	7	0.7	0.4	0.3	2.0	40.0	2267	2231
47	2.5	7	0.7	0.4	0.3	2.0	40.0	2300	2264
48	2.5	7	0.7	0.4	0.4	2.1	41.5	2480	2430
52	2.5	7	0.7	0.4	0.4	2.1	42.5	2637	2586
61	2.5	7	0.7	0.4	0.4	2.2	45.0	3009	2955

EPR (EPDM) INSULATED POWER CABLES ARMOURED

RATED OPERATING VOLTAGE : 0.6/1.0 (1.2) kV

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 353

1. CONDUCTOR MATERIAL : Stranded, annealed, tinned copper class 2 as per IEC 60228

2. INSULATION MATERIAL : EPDM Insulation

3. INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359

4. ARMOUR/ BRAIDING MATERIAL : Annealed Tinned Copper Wire, Option GI wire, SS wire or bronze wire

5. OUTERSHEATH MATERIAL : Halogen Free, FR Polyolefin SHF1 or SHF2 compound as per IEC 60092-359, Optional compounds FR PCP or CSP or PVC



EPDM INSULATED, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

Standard Specification : IEC 60092-350, 353. Voltage Grade : 0.6/1.0 (1.2) kV

DIMENSIONS & WEIGHT

CORES	Cross Sectional Area	Conductor No. of Strands	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km
1	1.5	7	0.53	1.0	1.0	0.2	1.0	9.5	132
1	2.5	7	0.67	1.0	1.0	0.2	1.0	10.0	149
1	4	7	0.85	1.0	1.0	0.2	1.0	10.5	173
1	6	7	1.06	1.0	1.0	0.2	1.1	11.0	208
1	10	7	1.35	1.0	1.0	0.2	1.1	12.0	260
1	16	7	1.74	1.0	1.0	0.2	1.1	13.0	330
1	25	7	2.20	1.2	1.0	0.2	1.2	15.0	463
1	35	7	2.58	1.2	1.0	0.2	1.2	16.0	570
1	50	19	1.78	1.4	1.0	0.3	1.3	18.5	805
1	70	19	2.20	1.4	1.0	0.3	1.4	21.0	1039
1	95	19	2.58	1.6	1.0	0.3	1.5	23.5	1334
1	120	37	2.03	1.6	1.0	0.3	1.5	25.0	1581
1	150	37	2.25	1.8	1.0	0.3	1.6	27.0	1923
1	185	37	2.58	2.0	1.0	0.3	1.7	30.0	2329
1	240	61	2.25	2.2	1.0	0.3	1.8	33.0	2914
1	300	61	2.52	2.4	1.0	0.3	1.9	36.0	3549
1	400	61	2.88	2.6	1.2	0.3	2.0	40.5	4603
1	500	61	3.23	2.8	1.2	0.4	2.1	44.5	5746
1	630	91	2.97	2.8	1.2	0.4	2.3	48.5	7031
1	800	91	3.35	2.8	1.4	0.4	2.4	53.5	8712
1	1000	91	3.75	3.0	1.4	0.4	2.6	58.5	10683

CORES	Cross Sectional Area	Conductor No. of Strands	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Cable Approx. Net Weight with GI Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
2	1.5	7	0.53	1.0	1.0	0.2	1.1	13.5	256	249
2	2.5	7	0.67	1.0	1.0	0.2	1.2	14.5	304	297
2	4	7	0.85	1.0	1.0	0.2	1.2	15.5	364	355
2	6	7	1.06	1.0	1.0	0.3	1.3	17.5	494	480
2	10	7	1.35	1.0	1.0	0.3	1.3	19.0	627	611
2	16	7	1.74	1.0	1.0	0.3	1.4	21.5	813	795
2	25	7	2.20	1.2	1.0	0.3	1.5	25.5	1166	1143
2	35	7	2.58	1.2	1.0	0.3	1.6	27.5	1443	1418
2	50	19	1.78	1.4	1.0	0.3	1.8	31.5	1927	1899
2	70	19	2.20	1.4	1.0	0.3	1.9	36.0	2522	2490
2	95	19	2.58	1.6	1.2	0.3	2.0	41.5	3315	3278
2	120	37	2.03	1.6	1.2	0.4	2.2	45.0	4080	4026
2	150	37	2.25	1.8	1.2	0.4	2.3	49.0	4957	4898
2	185	37	2.58	2.0	1.4	0.4	2.5	55.5	6136	6068
2	240	61	2.25	2.2	1.4	0.4	2.7	61.0	7658	7583
2	300	61	2.52	2.4	1.6	0.4	2.9	67.5	9400	9317
2	400	61	2.88	2.6	1.6	0.4	3.2	75.5	12065	11972

CORES	Cross Sectional Area	Conductor No. of Strands	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Cable Approx. Net Weight with GI Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
3	1.5	7	0.53	1.0	1.0	0.2	1.2	14.0	293	286
3	2.5	7	0.67	1.0	1.0	0.2	1.2	15.0	346	338
3	4	7	0.85	1.0	1.0	0.3	1.3	17.0	474	460
3	6	7	1.06	1.0	1.0	0.3	1.3	18.5	573	558
3	10	7	1.35	1.0	1.0	0.3	1.4	20.5	752	735
3	16	7	1.74	1.0	1.0	0.3	1.5	22.5	993	974
3	25	7	2.20	1.2	1.0	0.3	1.6	27.0	1436	1413
3	35	7	2.58	1.2	1.0	0.3	1.7	29.5	1801	1775
3	50	19	1.78	1.4	1.0	0.3	1.8	33.5	2410	2380
3	70	19	2.20	1.4	1.2	0.3	1.9	39.0	3214	3179
3	95	19	2.58	1.6	1.2	0.4	2.1	44.5	4338	4284
3	120	37	2.03	1.6	1.2	0.4	2.3	48.0	5198	5141
3	150	37	2.25	1.8	1.4	0.4	2.4	53.0	6398	6334
3	185	37	2.58	2.0	1.4	0.4	2.6	59.0	7840	7768
3	240	61	2.25	2.2	1.6	0.4	2.8	66.0	9908	9827
3	300	61	2.52	2.4	1.6	0.4	3.0	72.5	12113	12024
3	400	61	2.88	2.6	1.6	0.4	3.3	81.0	15638	15539

CORES	Cross Sectional Area	Conductor No. of Strands	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Cable Approx. Net Weight with GI Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
4	1.5	7	0.53	1.0	1.0	0.2	1.2	15.0	339	331
4	2.5	7	0.67	1.0	1.0	0.2	1.2	16.0	405	396
4	4	7	0.85	1.0	1.0	0.3	1.3	18.0	556	541
4	6	7	1.06	1.0	1.0	0.3	1.4	20.0	688	672
4	10	7	1.35	1.0	1.0	0.3	1.4	22.0	904	885
4	16	7	1.74	1.0	1.0	0.3	1.5	24.5	1208	1187
4	25	7	2.20	1.2	1.0	0.3	1.7	30.0	1777	1751
4	35	7	2.58	1.2	1.0	0.3	1.8	32.5	2244	2215
4	50	19	1.78	1.4	1.2	0.3	1.9	37.5	3056	3023
4	70	19	2.20	1.4	1.2	0.4	2.1	43.5	4178	4126
4	95	19	2.58	1.6	1.2	0.4	2.3	49.5	5470	5410
4	120	37	2.03	1.6	1.4	0.4	2.4	53.0	6603	6538
4	150	37	2.25	1.8	1.4	0.4	2.6	58.5	8105	8034
4	185	37	2.58	2.0	1.6	0.4	2.8	66.0	10001	9920
4	240	61	2.25	2.2	1.6	0.4	3.0	72.5	12584	12495
4	300	61	2.52	2.4	1.6	0.4	3.3	80.0	15449	15350
4	400	61	2.88	2.6	1.8	0.4	3.6	90.0	20076	19965

CORES	Cross Sectional Area	Conductor No. of Strands	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Cable Approx. Net Weight with GI Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
5	1.5	7	0.53	1.0	1.0	0.2	1.2	16.5	390	381
5	2.5	7	0.67	1.0	1.0	0.3	1.3	18.0	527	512
5	4	7	0.85	1.0	1.0	0.3	1.4	20.0	654	638
5	6	7	1.06	1.0	1.0	0.3	1.4	21.5	805	787
5	10	7	1.35	1.0	1.0	0.3	1.5	24.0	1079	1059
5	16	7	1.74	1.0	1.0	0.3	1.6	27.0	1452	1429
5	25	7	2.20	1.2	1.0	0.3	1.8	32.5	2147	2118
5	35	7	2.58	1.2	1.0	0.3	1.9	35.5	2722	2690
5	50	19	1.78	1.4	1.2	0.3	2.1	41.0	3735	3699
5	70	19	2.20	1.4	1.2	0.4	2.2	47.5	5079	5021
5	95	19	2.58	1.6	1.4	0.4	2.4	54.5	6719	6653
5	120	37	2.03	1.6	1.4	0.4	2.6	58.5	8086	8015
5	150	37	2.25	1.8	1.6	0.4	2.8	65.0	10000	9921



EPDM INSULATED, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

Standard Specification : IEC 60092-350, 353. Voltage Grade : 0.6/1.0 (1.2) kV

DIMENSIONS & WEIGHT

SIZE	Cross Sectional Area (M)	Cross Sectional Area (N)	Conductor No. of Strands (M/N)	Conductor Nom Dia of each strands (M)	Conductor Nom Dia of each strands (N)	Insulation Nom. Thickness (M)	Insulation Nom. Thickness (N)	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Cable Approx. Net Weight with GI Braided Armour
no.	Sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	mm	mm	kg/km	kg/km
3 C x 25 + 16	25	16	7 / 7	2.20	1.74	1.2	1.0	1.0	0.3	1.6	28.0	1656	1631
3 C x 35 + 16	35	16	7 / 7	2.58	1.74	1.2	1.0	1.0	0.3	1.7	30.0	2006	1979
3 C x 50 +25	50	25	19 / 7	1.78	2.20	1.4	1.2	1.0	0.3	1.9	35.5	2782	2751
3 C x 70 + 35	70	35	19 / 7	2.20	2.58	1.4	1.2	1.2	0.3	2.0	40.5	3676	3640
3 C x 95 + 50	95	50	19 / 19	2.58	1.78	1.6	1.4	1.2	0.4	2.2	46.5	4985	4929
3 C x 120 +70	120	70	37 / 19	2.03	2.20	1.6	1.4	1.4	0.4	2.3	50.5	6115	6054
3 C x 150 +95	150	95	37 / 19	2.25	2.58	1.8	1.6	1.4	0.4	2.5	56.0	7604	7536
3 C x 185 +95	185	95	37 / 19	2.58	2.58	2.0	1.6	1.4	0.4	2.7	61.5	8992	8917
3 C x 240 +120	240	120	37 / 37	2.25	2.03	2.2	1.6	1.6	0.4	2.9	68.0	11289	11206
3 C x 300 +150	300	150	37 / 37	2.52	2.03	2.4	1.8	1.6	0.4	3.1	75.0	13830	13738
3 C x 400 + 185	400	185	61 / 37	2.88	2.58	2.6	2.0	1.8	0.4	3.4	84.0	17834	17730

EPR (EPDM) INSULATED POWER CABLES UNARMOURED

RATED OPERATING VOLTAGE : 0.6/1.0 (1.2) kV

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 353

1. CONDUCTOR MATERIAL : Stranded, annealed, tinned copper class 2 as per IEC 60228

2. INSULATION MATERIAL : EPDM Insulation

3. OUTER SHEATH MATERIAL : Halogen Free, FR Polyolefin SHF1 or SHF2 compound as per IEC 60092-359, Optional compounds FR PCP or CSP or PVC



EPDM INSULATED, UNARMOURED, HALOGEN FREE FR SHEATHED CABLE
Standard Specification : IEC 60092-350, 353. Voltage Grade : 0.6/1.0 (1.2) kV
DIMENSIONS & WEIGHT

CORES	Cross Sectional Area	Conductor No. of Strands	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	kg/km
1	1.5	7	0.53	1.0	1.0	6.5	54
1	2.5	7	0.67	1.0	1.0	7.0	67
1	4	7	0.85	1.0	1.0	7.5	85
1	6	7	1.06	1.0	1.0	8.0	108
1	10	7	1.35	1.0	1.0	9.0	152
1	16	7	1.74	1.0	1.1	10.0	216
1	25	7	2.20	1.2	1.1	12.0	321
1	35	7	2.58	1.2	1.2	13.0	423
1	50	19	1.78	1.4	1.2	15.0	579
1	70	19	2.20	1.4	1.3	17.5	783
1	95	19	2.58	1.6	1.4	20.0	1045
1	120	37	2.03	1.6	1.4	21.0	1274
1	150	37	2.25	1.8	1.5	23.5	1586
1	185	37	2.58	2.0	1.6	26.5	1953
1	240	61	2.25	2.2	1.7	29.0	2500
1	300	61	2.52	2.4	1.8	32.0	3094
1	400	61	2.88	2.6	1.9	36.0	4056
1	500	61	3.23	2.8	2.0	40.0	5020
1	630	91	2.97	2.8	2.2	44.0	6237
1	800	91	3.35	2.8	2.3	48.5	7788
1	1000	91	3.75	3.0	2.5	53.5	9668

EPDM INSULATED, UNARMOURED, HALOGEN FREE FR SHEATHED CABLE
Standard Specification : IEC 60092-350, 353. Voltage Grade : 0.6/1.0 (1.2) kV
DIMENSIONS & WEIGHT

SIZE	Cross Sectional Area (M)	Cross Sectional Area (N)	Conductor No. of Strands (M/N)	Conductor Nom Dia of each strands (M)	Conductor Nom Dia of each strands (N)	Insulation Nom. Thickness (M)	Insulation Nom. Thickness (N)	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight
no.	Sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km
3Cx25+16	25	16	7 / 7	2.2.0	1.74	1.2	1.0	1.5	24.5	1305
3Cx35+16	35	16	7 / 7	2.58	1.74	1.2	1.0	1.6	26.5	1628
3Cx50+25	50	25	19 / 7	1.78	2.20	1.4	1.2	1.8	31.5	2336
3Cx70+35	70	35	19 / 7	2.20	2.58	1.4	1.2	1.9	36.0	3128
3Cx 95+50	95	50	19 / 19	2.58	1.78	1.6	1.4	2.1	42.0	4227
3Cx120+70	120	70	37 / 19	2.03	2.20	1.6	1.4	2.2	45.5	5242
3Cx150+95	150	95	37 / 19	2.25	2.58	1.8	1.6	2.4	51.0	6633
3Cx185+95	185	95	37 / 19	2.58	2.58	2.0	1.6	2.5	56.5	7899
3Cx240+120	240	120	37 / 37	2.25	2.03	2.2	1.6	2.8	62.5	10048
3Cx300+150	300	150	37 / 37	2.52	2.03	2.4	1.8	3.0	69.5	12459
3Cx400+185	400	185	61 / 37	2.88	2.58	2.6	2.0	3.3	78.5	16212



EPR (EPDM) INSULATED CONTROL CABLES ARMOURED

RATED OPERATING VOLTAGE : 0.6/1.0 (1.2) kV

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 353

1. CONDUCTOR MATERIAL : Stranded, annealed, tinned copper class 2 as per IEC 60228

2. INSULATION MATERIAL : EPDM Insulation

3. INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359

4. ARMOUR/ BRAIDING MATERIAL : Annealed Tinned Copper Wire, Option GI wire, SS wire or bronze wire

5. OUTER SHEATH MATERIAL : Halogen Free, FR Polyolefin SHF1 or SHF2 compound as per IEC 60092-359, Optional compounds FR PCP or CSP or PVC



EPDM INSULATED, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE
Standard Specification : IEC 60092-350, 353. Voltage Grade : 0.6/1.0 (1.2) kV
DIMENSIONS & WEIGHT

CORES	Cross Sectional Area	Conductor No. of Strands	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Cable Approx. Net Weight with GI Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
2	1.5	7	0.53	1.0	1.0	0.2	1.1	13.5	256	249
3	1.5	7	0.53	1.0	1.0	0.2	1.2	14.0	294	286
4	1.5	7	0.53	1.0	1.0	0.2	1.2	15.0	340	332
5	1.5	7	0.53	1.0	1.0	0.2	1.2	16.5	393	384
6	1.5	7	0.53	1.0	1.0	0.3	1.3	18.0	505	490
7	1.5	7	0.53	1.0	1.0	0.3	1.3	18.0	516	501
8	1.5	7	0.53	1.0	1.0	0.3	1.4	20.0	554	537
9	1.5	7	0.53	1.0	1.0	0.3	1.4	21.5	607	589
10	1.5	7	0.53	1.0	1.0	0.3	1.4	20.0	611	594
11	1.5	7	0.53	1.0	1.0	0.3	1.4	20.0	637	620
12	1.5	7	0.53	1.0	1.0	0.3	1.5	21.0	690	672
13	1.5	7	0.53	1.0	1.0	0.3	1.5	24.0	773	752
14	1.5	7	0.53	1.0	1.0	0.3	1.5	24.0	799	779
15	1.5	7	0.53	1.0	1.0	0.3	1.5	25.0	849	827
16	1.5	7	0.53	1.0	1.0	0.3	1.5	25.0	875	853
17	1.5	7	0.53	1.0	1.0	0.3	1.6	26.5	937	914
18	1.5	7	0.53	1.0	1.0	0.3	1.6	26.5	963	940
19	1.5	7	0.53	1.0	1.0	0.3	1.6	26.5	989	967
20	1.5	7	0.53	1.0	1.0	0.3	1.6	27.5	1044	1020
21	1.5	7	0.53	1.0	1.0	0.3	1.6	27.5	1070	1046
22	1.5	7	0.53	1.0	1.0	0.3	1.7	29.0	1136	1110
23	1.5	7	0.53	1.0	1.0	0.3	1.7	29.0	1162	1137
24	1.5	7	0.53	1.0	1.0	0.3	1.7	30.5	1217	1190
25	1.5	7	0.53	1.0	1.0	0.3	1.7	30.5	1243	1217
26	1.5	7	0.53	1.0	1.0	0.3	1.7	30.5	1270	1243
27	1.5	7	0.53	1.0	1.0	0.3	1.7	31.0	1309	1282
28	1.5	7	0.53	1.0	1.0	0.3	1.8	32.0	1372	1344
29	1.5	7	0.53	1.0	1.0	0.3	1.8	32.0	1399	1370
30	1.5	7	0.53	1.0	1.0	0.3	1.8	32.0	1425	1397
31	1.5	7	0.53	1.0	1.0	0.3	1.8	33.0	1476	1447
32	1.5	7	0.53	1.0	1.0	0.3	1.8	33.0	1503	1473
33	1.5	7	0.53	1.0	1.0	0.3	1.8	33.0	1529	1499
34	1.5	7	0.53	1.0	1.0	0.3	1.8	34.5	1580	1549
35	1.5	7	0.53	1.0	1.0	0.3	1.8	34.5	1606	1576
36	1.5	7	0.53	1.0	1.0	0.3	1.8	34.5	1633	1602
37	1.5	7	0.53	1.0	1.0	0.3	1.8	34.5	1659	1629
38	1.5	7	0.53	1.0	1.0	0.3	1.9	36.0	1731	1699
39	1.5	7	0.53	1.0	1.0	0.3	1.9	36.0	1757	1725
40	1.5	7	0.53	1.0	1.0	0.3	1.9	36.0	1784	1752
41	1.5	7	0.53	1.0	1.2	0.3	1.9	37.5	1874	1840
42	1.5	7	0.53	1.0	1.2	0.3	1.9	37.5	1900	1867
43	1.5	7	0.53	1.0	1.2	0.3	1.9	37.5	1926	1893
44	1.5	7	0.53	1.0	1.2	0.3	2.0	39.0	2002	1967
45	1.5	7	0.53	1.0	1.2	0.3	2.0	39.0	2028	1993
46	1.5	7	0.53	1.0	1.2	0.3	2.0	39.0	2054	2020
47	1.5	7	0.53	1.0	1.2	0.3	2.0	39.0	2081	2046
48	1.5	7	0.53	1.0	1.2	0.3	2.0	39.5	2122	2086
52	1.5	7	0.53	1.0	1.2	0.3	2.0	40.5	2251	2215
61	1.5	7	0.53	1.0	1.2	0.4	2.1	43.5	2683	2631

CORES	Cross Sectional Area	Conductor No. of Strands	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Cable Approx. Net Weight with GI Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
2	2.5	7	0.67	1.0	1.0	0.2	1.2	14.5	304	296
3	2.5	7	0.67	1.0	1.0	0.2	1.2	15.0	346	338
4	2.5	7	0.67	1.0	1.0	0.2	1.2	16.0	406	397
5	2.5	7	0.67	1.0	1.0	0.3	1.3	18.0	525	510
6	2.5	7	0.67	1.0	1.0	0.3	1.3	19.5	602	586
7	2.5	7	0.67	1.0	1.0	0.3	1.3	19.5	620	603
8	2.5	7	0.67	1.0	1.0	0.3	1.4	21.5	666	648
9	2.5	7	0.67	1.0	1.0	0.3	1.5	23.0	744	724
10	2.5	7	0.67	1.0	1.0	0.3	1.5	22.0	753	735
11	2.5	7	0.67	1.0	1.0	0.3	1.5	22.0	790	772
12	2.5	7	0.67	1.0	1.0	0.3	1.5	22.5	844	825
13	2.5	7	0.67	1.0	1.0	0.3	1.6	26.0	956	933
14	2.5	7	0.67	1.0	1.0	0.3	1.6	26.0	992	970
15	2.5	7	0.67	1.0	1.0	0.3	1.6	27.0	1055	1032
16	2.5	7	0.67	1.0	1.0	0.3	1.6	27.0	1092	1068
17	2.5	7	0.67	1.0	1.0	0.3	1.7	28.5	1170	1145
18	2.5	7	0.67	1.0	1.0	0.3	1.7	28.5	1206	1182
19	2.5	7	0.67	1.0	1.0	0.3	1.7	28.5	1243	1218
20	2.5	7	0.67	1.0	1.0	0.3	1.7	30.0	1311	1284
21	2.5	7	0.67	1.0	1.0	0.3	1.7	30.0	1348	1321
22	2.5	7	0.67	1.0	1.0	0.3	1.8	31.5	1429	1402
23	2.5	7	0.67	1.0	1.0	0.3	1.8	31.5	1466	1439
24	2.5	7	0.67	1.0	1.0	0.3	1.8	33.0	1534	1505
25	2.5	7	0.67	1.0	1.0	0.3	1.8	33.0	1571	1542
26	2.5	7	0.67	1.0	1.0	0.3	1.8	33.0	1608	1579
27	2.5	7	0.67	1.0	1.0	0.3	1.8	33.5	1658	1629
28	2.5	7	0.67	1.0	1.0	0.3	1.9	35.0	1736	1705
29	2.5	7	0.67	1.0	1.0	0.3	1.9	35.0	1772	1742
30	2.5	7	0.67	1.0	1.0	0.3	1.9	35.0	1809	1778
31	2.5	7	0.67	1.0	1.2	0.3	1.9	36.5	1909	1876
32	2.5	7	0.67	1.0	1.2	0.3	1.9	36.5	1945	1913
33	2.5	7	0.67	1.0	1.2	0.3	1.9	36.5	1982	1950
34	2.5	7	0.67	1.0	1.2	0.3	2.0	38.0	2067	2033
35	2.5	7	0.67	1.0	1.2	0.3	2.0	38.0	2104	2070
36	2.5	7	0.67	1.0	1.2	0.3	2.0	38.0	2141	2107
37	2.5	7	0.67	1.0	1.2	0.3	2.0	38.0	2178	2144
38	2.5	7	0.67	1.0	1.2	0.3	2.0	39.5	2248	2213
39	2.5	7	0.67	1.0	1.2	0.3	2.0	39.5	2285	2250
40	2.5	7	0.67	1.0	1.2	0.3	2.0	39.5	2322	2287
41	2.5	7	0.67	1.0	1.2	0.3	2.1	41.0	2411	2375
42	2.5	7	0.67	1.0	1.2	0.3	2.1	41.0	2448	2412
43	2.5	7	0.67	1.0	1.2	0.3	2.1	41.0	2485	2448

CORES	Cross Sectional Area	Conductor No. of Strands	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Cable Approx. Net Weight with GI Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
44	2.5	7	0.67	1.0	1.2	0.4	2.1	43.0	2676	2625
45	2.5	7	0.67	1.0	1.2	0.4	2.1	43.0	2713	2661
46	2.5	7	0.67	1.0	1.2	0.4	2.1	43.0	2749	2698
47	2.5	7	0.67	1.0	1.2	0.4	2.1	43.0	2786	2735
48	2.5	7	0.67	1.0	1.2	0.4	2.2	43.5	2860	2807
52	2.5	7	0.67	1.0	1.2	0.4	2.2	44.5	3038	2984
61	2.5	7	0.67	1.0	1.2	0.4	2.3	47.5	3460	3403



FIRE RESISTANT POWER CABLES

RATED OPERATING VOLTAGE : 0.6/1.0 (1.2) kV

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 353

1. CONDUCTOR MATERIAL : Stranded, annealed, tinned copper class 2 as per IEC 60228

2. HEAT BARRIER : Glass mica tape

3. INSULATION MATERIAL : Extruded EPDM Insulation

4. INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359

5. ARMOUR/ BRAIDING MATERIAL : Annealed Tinned Copper Wire, Optional GI wire, SS wire or bronze wire

6. OUTERSHEATH MATERIAL : Polyolefin SHF1 or SHF2 compound as per IEC 60092-359, Optional compounds FR PCP or CSP or PVC



EPDM INSULATED, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

Standard Specification : IEC 60092-350, 353. Voltage Grade : 0.6/1.0 (1.2) kV

DIMENSIONS & WEIGHT

CORES	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR (ATC) Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km
1	1.5	7	0.53	1.0	1.0	0.2	1.0	10.0	149
1	2.5	7	0.67	1.0	1.0	0.2	1.0	10.5	167
1	4	7	0.85	1.0	1.0	0.2	1.1	11.5	197
1	6	7	1.06	1.0	1.0	0.2	1.1	12.0	228
1	10	7	1.35	1.0	1.0	0.2	1.1	13.0	282
1	16	7	1.74	1.0	1.0	0.2	1.1	13.5	354
1	25	7	2.20	1.2	1.0	0.2	1.2	16.0	491
1	35	7	2.58	1.2	1.0	0.3	1.3	17.5	655
1	50	19	1.78	1.4	1.0	0.3	1.3	19.5	840
1	70	19	2.20	1.4	1.0	0.3	1.4	21.5	1078
1	95	19	2.58	1.6	1.0	0.3	1.5	24.0	1379
1	120	37	2.03	1.6	1.0	0.3	1.5	25.5	1628
1	150	37	2.25	1.8	1.0	0.3	1.6	28.0	1974
1	185	37	2.58	2.0	1.0	0.3	1.7	30.5	2386
1	240	61	2.25	2.2	1.0	0.3	1.8	33.5	2976
1	300	61	2.52	2.4	1.0	0.3	1.9	36.5	3616
1	400	61	2.88	2.6	1.2	0.3	2.0	41.0	4679
1	500	61	3.23	2.8	1.2	0.4	2.2	45.5	5851
1	630	91	2.97	2.8	1.2	0.4	2.3	49.5	7124
1	800	91	3.35	2.8	1.4	0.4	2.4	54.0	8813
1	1000	91	3.75	3.0	1.4	0.4	2.6	59.5	10794

CORES	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR (ATC) Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Cable Approx. Net Weight with GI Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
2	1.5	7	0.53	1.0	1.0	0.2	1.2	15.0	309	301
2	2.5	7	0.67	1.0	1.0	0.2	1.2	16.0	354	346
2	4	7	0.85	1.0	1.0	0.3	1.3	17.5	473	458
2	6	7	1.06	1.0	1.0	0.3	1.3	19.0	556	541
2	10	7	1.35	1.0	1.0	0.3	1.4	21.0	705	687
2	16	7	1.74	1.0	1.0	0.3	1.4	22.5	888	869
2	25	7	2.20	1.2	1.0	0.3	1.6	27.0	1267	1243
2	35	7	2.58	1.2	1.0	0.3	1.7	29.5	1552	1527
2	50	19	1.78	1.4	1.0	0.3	1.8	33.0	2036	2007
2	70	19	2.20	1.4	1.2	0.3	1.9	38.0	2683	2649
2	95	19	2.58	1.6	1.2	0.3	2.1	43.0	3476	3438
2	120	37	2.03	1.6	1.2	0.4	2.2	46.0	4235	4179
2	150	37	2.25	1.8	1.4	0.4	2.3	51.0	5176	5114
2	185	37	2.58	2.0	1.4	0.4	2.5	56.5	6326	6257
2	240	61	2.25	2.2	1.4	0.4	2.7	62.5	7866	7790
2	300	61	2.52	2.4	1.6	0.4	2.9	69.0	9630	9546
2	400	61	2.88	2.6	1.6	0.4	3.2	77.0	12322	12227

CORES	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR (ATC) Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Cable Approx. Net Weight with GI Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
3	1.5	7	0.53	1.0	1.0	0.2	1.2	15.5	347	338
3	2.5	7	0.67	1.0	1.0	0.2	1.2	16.5	403	394
3	4	7	0.85	1.0	1.0	0.3	1.3	18.5	540	525
3	6	7	1.06	1.0	1.0	0.3	1.3	20.0	644	627
3	10	7	1.35	1.0	1.0	0.3	1.4	22.0	831	813
3	16	7	1.74	1.0	1.0	0.3	1.5	24.0	1081	1060
3	25	7	2.20	1.2	1.0	0.3	1.6	28.5	1540	1515
3	35	7	2.58	1.2	1.0	0.3	1.7	31.0	1914	1887
3	50	19	1.78	1.4	1.0	0.3	1.9	35.5	2554	2523
3	70	19	2.20	1.4	1.2	0.3	2.0	40.5	3379	3343
3	95	19	2.58	1.6	1.2	0.4	2.2	46.5	4530	4475
3	120	37	2.03	1.6	1.2	0.4	2.3	49.5	5382	5322
3	150	37	2.25	1.8	1.4	0.4	2.4	54.5	6599	6533
3	185	37	2.58	2.0	1.4	0.4	2.6	60.5	8064	7990
3	240	61	2.25	2.2	1.6	0.4	2.9	67.5	10188	10105
3	300	61	2.52	2.4	1.6	0.4	3.1	74.0	12419	12329
3	400	61	2.88	2.6	1.8	0.4	3.4	83.0	16060	15958



EPDM INSULATED, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

Standard Specification : IEC 60092-350, 353. Voltage Grade : 0.6/1.0 (1.2) kV

DIMENSIONS & WEIGHT

SIZE	Cross Sectional Area (M)	Cross Sectional Area (N)	No. of Strands in Conductor (M / N)	Conductor Nom Dia of each strands (M)	Conductor Nom Dia of each strands (N)	Insulation Nom. Thickness (M)	Insulation Nom. Thickness (N)	Inner Cover Approx. Thickness	ARMOUR (ATC) Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Cable Approx. Net Weight with GI Braided Armour
no.	Sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	mm	mm	kg/km	kg/km
3.5 C x 25	25	16	7 / 7	2.20	1.74	1.2	1.0	1.0	0.3	1.7	34.5	2201	2171
3.5 C x 35	35	16	7 / 7	2.58	1.74	1.2	1.0	1.0	0.3	1.7	36.0	2564	2532
3.5 C x 50	50	25	19 / 7	1.78	2.20	1.4	1.2	1.2	0.3	1.9	44.0	3732	3691
3.5 C x 70	70	35	19 / 7	2.20	2.58	1.4	1.2	1.2	0.3	2.0	50.0	4858	4813
3.5 C x 95	95	50	19 / 19	2.58	1.78	1.6	1.4	1.2	0.4	2.2	57.5	6575	6505
3.5Cx120	120	70	37 / 19	2.03	2.20	1.6	1.4	1.4	0.4	2.4	64.5	8339	8259
3.5Cx150	150	95	37 / 19	2.25	2.58	1.8	1.6	1.4	0.4	2.6	72.0	10469	10380
3.5Cx185	185	95	37 / 19	2.58	2.58	2.0	1.6	1.4	0.4	2.7	77.0	12009	11913
3.5Cx240	240	120	37 / 37	2.25	2.03	2.2	1.6	1.6	0.4	2.9	85.0	14943	14837
3.5Cx300	300	150	37 / 37	2.52	2.03	2.4	1.8	1.6	0.4	3.2	93.5	18273	18156
3.5Cx400	400	185	61 / 37	2.88	2.58	2.6	2.0	1.8	0.4	3.5	105.5	23510	23378

FIRE RESISTANT CONTROL CABLES

RATED OPERATING VOLTAGE : 0.6/1.0 (1.2) kV

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 353

1. CONDUCTOR MATERIAL : Stranded, annealed, tinned copper class 2 as per IEC 60228

2. HEAT BARRIER : Glass mica tape

3. INSULATION MATERIAL : Extruded EPDM Insulation

4. INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359

5. ARMOUR/ BRAIDING MATERIAL : Annealed Tinned Copper Wire, Optional GI wire, SS wire or bronze wire

6. OUTERSHEATH MATERIAL : Halogen Free, FR Polyolefin SHF1 or SHF2 compound as per IEC 60092-359, Optional compounds FR PCP or CSP or PVC



EPDM INSULATED, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

Standard Specification : IEC 60092-350, 353. Voltage Grade : 0.6/1.0 (1.2) kV

DIMENSIONS & WEIGHT

CORES	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Cable Approx. Net Weight with GI Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
2	1.5	7	0.53	1.0	1.0	0.2	1.2	15.0	312	304
3	1.5	7	0.53	1.0	1.0	0.2	1.2	15.5	350	341
4	1.5	7	0.53	1.0	1.0	0.2	1.2	17.0	409	400
5	1.5	7	0.53	1.0	1.0	0.3	1.3	18.5	531	515
6	1.5	7	0.53	1.0	1.0	0.3	1.3	20.0	611	594
7	1.5	7	0.53	1.0	1.0	0.3	1.3	20.0	623	606
8	1.5	7	0.53	1.0	1.0	0.3	1.4	22.5	663	644
9	1.5	7	0.53	1.0	1.0	0.3	1.5	24.0	740	719
10	1.5	7	0.53	1.0	1.0	0.3	1.5	22.5	746	727
11	1.5	7	0.53	1.0	1.0	0.3	1.5	22.5	780	761
12	1.5	7	0.53	1.0	1.0	0.3	1.5	23.5	833	813
13	1.5	7	0.53	1.0	1.0	0.3	1.6	27.0	947	924
14	1.5	7	0.53	1.0	1.0	0.3	1.6	27.0	982	958
15	1.5	7	0.53	1.0	1.0	0.3	1.6	28.5	1044	1019
16	1.5	7	0.53	1.0	1.0	0.3	1.6	28.5	1078	1053
17	1.5	7	0.53	1.0	1.0	0.3	1.7	30.0	1154	1127
18	1.5	7	0.53	1.0	1.0	0.3	1.7	30.0	1188	1162
19	1.5	7	0.53	1.0	1.0	0.3	1.7	30.0	1222	1196
20	1.5	7	0.53	1.0	1.0	0.3	1.7	31.5	1289	1261
21	1.5	7	0.53	1.0	1.0	0.3	1.7	31.5	1323	1296
22	1.5	7	0.53	1.0	1.0	0.3	1.8	33.0	1405	1376
23	1.5	7	0.53	1.0	1.0	0.3	1.8	33.0	1440	1410
24	1.5	7	0.53	1.0	1.0	0.3	1.8	34.5	1507	1477
25	1.5	7	0.53	1.0	1.0	0.3	1.8	34.5	1542	1511

CORES	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Cable Approx. Net Weight with GI Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
26	1.5	7	0.53	1.0	1.0	0.3	1.8	34.5	1576	1545
27	1.5	7	0.53	1.0	1.0	0.3	1.8	35.0	1623	1592
28	1.5	7	0.53	1.0	1.0	0.3	1.9	36.5	1701	1669
29	1.5	7	0.53	1.0	1.0	0.3	1.9	36.5	1735	1703
30	1.5	7	0.53	1.0	1.0	0.3	1.9	36.5	1769	1737
31	1.5	7	0.53	1.0	1.2	0.3	1.9	38.0	1870	1836
32	1.5	7	0.53	1.0	1.2	0.3	1.9	38.0	1904	1870
33	1.5	7	0.53	1.0	1.2	0.3	1.9	38.0	1939	1904
34	1.5	7	0.53	1.0	1.2	0.3	2.0	39.5	2022	1986
35	1.5	7	0.53	1.0	1.2	0.3	2.0	39.5	2056	2020
36	1.5	7	0.53	1.0	1.2	0.3	2.0	39.5	2090	2055
37	1.5	7	0.53	1.0	1.2	0.3	2.0	39.5	2124	2089
38	1.5	7	0.53	1.0	1.2	0.3	2.0	41.0	2195	2158
39	1.5	7	0.53	1.0	1.2	0.3	2.0	41.0	2229	2192
40	1.5	7	0.53	1.0	1.2	0.3	2.0	41.0	2263	2226
41	1.5	7	0.53	1.0	1.2	0.3	2.1	43.0	2353	2315
42	1.5	7	0.53	1.0	1.2	0.3	2.1	43.0	2388	2349
43	1.5	7	0.53	1.0	1.2	0.3	2.1	43.0	2422	2383
44	1.5	7	0.53	1.0	1.2	0.4	2.1	45.0	2619	2564
45	1.5	7	0.53	1.0	1.2	0.4	2.1	45.0	2653	2599
46	1.5	7	0.53	1.0	1.2	0.4	2.1	45.0	2687	2633
47	1.5	7	0.53	1.0	1.2	0.4	2.1	45.0	2721	2667
48	1.5	7	0.53	1.0	1.2	0.4	2.2	45.5	2793	2738
52	1.5	7	0.53	1.0	1.2	0.4	2.2	47.0	2963	2906
61	1.5	7	0.53	1.0	1.2	0.4	2.3	49.5	3366	3306

CORES	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Cable Approx. Net Weight with GI Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
2	2.5	7	0.67	1.0	1.0	0.2	1.2	15.5	356	347
3	2.5	7	0.67	1.0	1.0	0.2	1.2	16.5	406	397
4	2.5	7	0.67	1.0	1.0	0.3	1.3	18.5	538	522
5	2.5	7	0.67	1.0	1.0	0.3	1.3	20.0	619	602
6	2.5	7	0.67	1.0	1.0	0.3	1.4	21.5	724	706
7	2.5	7	0.67	1.0	1.0	0.3	1.4	21.5	744	725
8	2.5	7	0.67	1.0	1.0	0.3	1.5	24.0	793	772
9	2.5	7	0.67	1.0	1.0	0.3	1.5	25.5	874	852
10	2.5	7	0.67	1.0	1.0	0.3	1.6	24.5	899	878
11	2.5	7	0.67	1.0	1.0	0.3	1.6	24.5	944	923
12	2.5	7	0.67	1.0	1.0	0.3	1.6	25.5	1011	989

CORES	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Cable Approx. Net Weight with GI Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
13	2.5	7	0.67	1.0	1.0	0.3	1.6	28.5	1129	1104
14	2.5	7	0.67	1.0	1.0	0.3	1.6	28.5	1175	1149
15	2.5	7	0.67	1.0	1.0	0.3	1.7	30.5	1264	1237
16	2.5	7	0.67	1.0	1.0	0.3	1.7	30.5	1309	1283
17	2.5	7	0.67	1.0	1.0	0.3	1.7	32.0	1388	1360
18	2.5	7	0.67	1.0	1.0	0.3	1.7	32.0	1433	1405
19	2.5	7	0.67	1.0	1.0	0.3	1.7	32.0	1478	1450
20	2.5	7	0.67	1.0	1.0	0.3	1.8	33.5	1574	1544
21	2.5	7	0.67	1.0	1.0	0.3	1.8	33.5	1620	1590
22	2.5	7	0.67	1.0	1.0	0.3	1.8	35.5	1703	1672
23	2.5	7	0.67	1.0	1.0	0.3	1.8	35.5	1748	1717
24	2.5	7	0.67	1.0	1.2	0.3	1.9	37.5	1883	1849
25	2.5	7	0.67	1.0	1.2	0.3	1.9	37.5	1928	1895
26	2.5	7	0.67	1.0	1.2	0.3	1.9	37.5	1974	1940
27	2.5	7	0.67	1.0	1.2	0.3	1.9	38.0	2036	2001
28	2.5	7	0.67	1.0	1.2	0.3	2.0	39.5	2130	2094
29	2.5	7	0.67	1.0	1.2	0.3	2.0	39.5	2175	2140
30	2.5	7	0.67	1.0	1.2	0.3	2.0	39.5	2221	2185
31	2.5	7	0.67	1.0	1.2	0.3	2.0	41.0	2300	2263
32	2.5	7	0.67	1.0	1.2	0.3	2.0	41.0	2345	2308
33	2.5	7	0.67	1.0	1.2	0.3	2.0	41.0	2391	2354
34	2.5	7	0.67	1.0	1.2	0.4	2.1	43.0	2610	2558
35	2.5	7	0.67	1.0	1.2	0.4	2.1	43.0	2656	2604
36	2.5	7	0.67	1.0	1.2	0.4	2.1	43.0	2701	2649
37	2.5	7	0.67	1.0	1.2	0.4	2.1	43.0	2746	2694
38	2.5	7	0.67	1.0	1.2	0.4	2.1	45.0	2836	2782
39	2.5	7	0.67	1.0	1.2	0.4	2.1	45.0	2881	2827
40	2.5	7	0.67	1.0	1.2	0.4	2.1	45.0	2926	2872
41	2.5	7	0.67	1.0	1.2	0.4	2.2	46.5	3040	2984
42	2.5	7	0.67	1.0	1.2	0.4	2.2	46.5	3085	3029
43	2.5	7	0.67	1.0	1.2	0.4	2.2	46.5	3131	3074
44	2.5	7	0.67	1.0	1.2	0.4	2.3	48.5	3243	3185
45	2.5	7	0.67	1.0	1.2	0.4	2.3	48.5	3289	3230
46	2.5	7	0.67	1.0	1.2	0.4	2.3	48.5	3334	3275
47	2.5	7	0.67	1.0	1.2	0.4	2.3	48.5	3379	3321
48	2.5	7	0.67	1.0	1.2	0.4	2.3	49.0	3445	3385
52	2.5	7	0.67	1.0	1.4	0.4	2.3	51.0	3712	3651
61	2.5	7	0.67	1.0	1.4	0.4	2.4	54.0	4228	4162

3kV XLPE INSULATED POWER CABLES 1 CORE

RATED OPERATING VOLTAGE : 1.8 / 3.0 (3.6) kV

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 353

1. CONDUCTOR MATERIAL : Stranded, annealed , plain or tinned copper class 2 as per IEC 60228

2. INSULATION MATERIAL : XLPE as per IEC 60502-1

3. ARMOUR/ BRAIDING MATERIAL : Annealed Copper Wire tinned or untinned

4. OUTER SHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359



XLPE INSULATED, BRAIDED SCREENED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

STANDARED SPECIFICATION : IEC 60092 - 350, 353. Voltage Grade : 1.8 / 3 (3.6) kV

DIMENSIONS & WEIGHT

CORES	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Conductor Nom Dia	Insulation XLPE Nom. Thickness	ARMOUR (ATC) Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km
1	25	7	2.20	6.0	2.0	0.3	1.2	14.5	445
1	35	7	2.58	7.0	2.0	0.3	1.3	15.5	557
1	50	7	3.02	8.1	2.0	0.3	1.3	17.0	706
1	70	19	2.20	9.7	2.0	0.3	1.4	18.5	917
1	95	19	2.58	11.4	2.0	0.3	1.5	20.5	1172
1	120	19	2.98	13.5	2.0	0.3	1.5	22.5	1429
1	150	19	3.26	14.2	2.0	0.3	1.6	23.5	1706
1	185	37	2.58	16.1	2.0	0.3	1.6	25.5	2043
1	240	37	2.98	18.6	2.0	0.3	1.7	28.0	2572
1	300	37	3.26	20.6	2.0	0.3	1.8	30.5	3135
1	400	59	2.98	23.6	2.0	0.3	1.9	33.5	4057
1	500	59	3.26	26.6	2.2	0.3	2.0	37.0	5008
1	630	59	3.70	30.2	2.4	0.4	2.2	42.0	6355
1	800	59	4.20	34.6	2.6	0.4	2.4	47.0	7997
1	1000	59	4.70	39.8	2.8	0.4	2.5	53.0	9892

3kV XLPE INSULATED POWER CABLES 1 CORE

RATED OPERATING VOLTAGE : 1.8 / 3.0 (3.6) kV

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 353

1. CONDUCTOR MATERIAL : Stranded, annealed , plain or tinned copper class 2 as per IEC 60228

2. INSULATION MATERIAL : XLPE as per IEC 60502-1

3. CORE SCREEN : Lapped copper tape

4. INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359

5. ARMOUR MATERIAL : Aluminum Round Wire

6. OUTER SHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359



XLPE INSULATED, CU TAPE SCREENED, ALUMINIUM WIRE ARMOURED, HALOGRN FREE FR SHEATHED CABLE
STANDARED SPECIFICATION : IEC 60092 - 350, 353. Voltage Grade : 1.8 / 3 (3.6) kV
DIMENSIONS & WEIGHT

CORES	Cross Sectional Area	Conductor No. of Strands	Conductor Nom Dia of each strands	Conductor Nom Dia	Insulation XLPE Nom. Thickness	Copper tape screen thickness	Inner Cover approx. thickness	ARMOUR ALUMINIUM Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with Al Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	mm	mm	kg/km
1	25	7	2.2	6.0	2.0	0.075	1.0	1.25	1.3	17.5	558
1	35	7	2.58	7.0	2.0	0.075	1.0	1.25	1.4	18.5	679
1	50	7	3.02	8.1	2.0	0.075	1.0	1.25	1.4	20.0	837
1	70	19	2.20	9.7	2.0	0.075	1.0	1.25	1.5	21.5	1057
1	95	19	2.58	11.4	2.0	0.075	1.0	1.60	1.6	25.0	1371
1	120	19	2.98	13.5	2.0	0.075	1.0	1.60	1.6	27.0	1646
1	150	19	3.26	14.2	2.0	0.075	1.0	1.60	1.7	28.0	1931
1	185	37	2.58	16.1	2.0	0.075	1.0	1.60	1.7	30.0	2282
1	240	37	2.98	18.6	2.0	0.075	1.0	1.60	1.8	32.5	2833
1	300	37	3.26	20.6	2.0	0.075	1.0	1.60	1.9	35.0	3418
1	400	59	2.98	23.6	2.0	0.075	1.2	2.00	2.1	39.5	4502
1	500	59	3.26	26.6	2.2	0.075	1.2	2.00	2.2	43.0	5500
1	630	59	3.70	30.2	2.4	0.075	1.2	2.00	2.3	47.0	6757
1	800	59	4.20	34.6	2.6	0.075	1.4	2.50	2.5	54.0	8631
1	1000	59	4.70	39.8	2.8	0.075	1.4	2.50	2.7	60.0	10624

3kV XLPE INSULATED POWER CABLES 3 CORE

RATED OPERATING VOLTAGE : 1.8 / 3.0 (3.6) kV

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 353

1. CONDUCTOR MATERIAL : Stranded, annealed , plain or tinned copper class 2 as per IEC 60228

2. INSULATION MATERIAL : XLPE as per IEC 60502-1

CORE SCREEN : Unscreened

LAY UP : Cores laid up with PP fillers

3. INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359

4. ARMOUR/ BRAIDING MATERIAL : Annealed Copper Wire tinned or untinned, Option GI wire, SS wire or Bronze wire

5. OUTERSHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359



XLPE INSULATED, WITHOUT SEMICON, UNSCREENED, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE
STANDARED SPECIFICATION : IEC 60092 - 350, 353. Voltage Grade : 1.8 / 3 (3.6) kV
DIMENSIONS & WEIGHT

CORES	Cross Sectional Area	Conductor No. of Strands	Conductor Nom Dia of each strands	Conductor Nom Dia	Insulation XLPE Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR (ATC) Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	mm	kg/km
3	25	7	2.20	6.0	2.0	1.0	0.3	1.7	30.0	1448
3	35	7	2.58	7.0	2.0	1.0	0.3	1.8	32.5	1800
3	50	7	3.02	8.1	2.0	1.2	0.3	1.9	35.5	2320
3	70	19	2.20	9.7	2.0	1.2	0.3	2.0	39.0	2985
3	95	19	2.58	11.4	2.0	1.2	0.4	2.2	43.5	3937
3	120	19	2.98	13.5	2.0	1.4	0.4	2.3	48.5	4853
3	150	19	3.26	14.2	2.0	1.4	0.4	2.4	50.5	5705
3	185	37	2.58	16.1	2.0	1.4	0.4	2.6	55.0	6850
3	240	37	2.98	18.6	2.0	1.6	0.4	2.8	61.0	8640
3	300	37	3.26	20.6	2.4	1.6	0.4	3.0	67.5	10648
3	400	59	2.98	23.6	2.6	1.6	0.4	3.3	75.5	13772

3kV XLPE INSULATED POWER CABLES 3 CORE

RATED OPERATING VOLTAGE : 1.8 / 3.0 (3.6) kV

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 353

1. CONDUCTOR MATERIAL: Stranded, annealed , plain or tinned copper class 2 as per IEC 60228

2. INSULATION MATERIAL : XLPE as per IEC 60502-1

3. CORE SCREEN : Lapped copper tape

LAY UP : Cores laid up with PP fillers

4. INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359

5. ARMOUR / BRAIDING MATERIAL : Annealed Copper Wire tinned or untinned, Option GI wire, SS wire or Bronze wire

6. OUTER SHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359

XLPE INSULATED, WITHOUT SEMICON, CU TAPE SCREENED, BRAIDED ARMOURED, HALOGEN FREE SHEATHED CABLE

STANDARED SPECIFICATION : IEC 60092 - 350, 353. Voltage Grade : 1.8 / 3 (3.6) kV

DIMENSIONS & WEIGHT

CORES	Cross Sectional Area	Conductor No. of Strands	Conductor Nom Dia of each strands	Conductor Nom Dia	Insulation XLPE Nom. Thickness	Copper tape screen Thickness	Inner Cover Approx. Thickness	ARMOUF (ATC) Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	mm	mm	kg/km
XLPE CU Tape screened , Braided Armour											
3	25	7	2.20	6.0	2.0	0.075	1.0	0.3	1.7	30.5	1588
3	35	7	2.58	7.0	2.0	0.075	1.0	0.3	1.8	33.0	1949
3	50	7	3.02	8.1	2.0	0.075	1.2	0.3	1.9	36.0	2488
3	70	19	2.20	9.7	2.0	0.075	1.2	0.3	2.0	39.5	3176
3	95	19	2.58	11.4	2.0	0.075	1.2	0.4	2.2	44.0	4149
3	120	19	2.98	13.5	2.0	0.075	1.4	0.4	2.3	49.5	5106
3	150	19	3.26	14.2	2.0	0.075	1.4	0.4	2.4	51.0	5970
3	185	37	2.58	16.1	2.0	0.075	1.4	0.4	2.6	55.5	7146
3	240	37	2.98	18.6	2.0	0.075	1.6	0.4	2.8	61.5	8982
3	300	37	3.26	20.6	2.4	0.075	1.6	0.4	3.0	68.0	11026
3	400	59	2.98	23.6	2.6	0.075	1.6	0.4	3.3	76.0	14219



3kV HEPR INSULATED POWER CABLES 1 CORE

RATED OPERATING VOLTAGE : 1.8 / 3.0 (3.6) kV

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 353

CONDUCTOR MATERIAL : Stranded, annealed , plain or tinned copper class 2 as per IEC 60228

INSULATION MATERIAL : HEPR as per IEC 60502-1

ARMOUR/ BRAIDING MATERIAL : Annealed Copper Wire tinned or untinned

OUTER SHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359

HEPR INSULATED, WITHOUT SEMICON, UNSCREENED, BRAIDED ARMOURED HALOGEN FREE SHEATHED CABLE
STANDARED SPECIFICATION : IEC 60092 - 350, 353. Voltage Grade : 1.8 / 3 (3.6) kV
DIMENSIONS & WEIGHT

CORES	Cross Sectional Area	Conductor No. of Strands	Conductor Nom Dia of each strands	Conductor Nom Dia	Insulation HEPR Nom. Thickness	ARMOUR (ATC) Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km
HEPR CU WIRE screen as ARMOUR									
1	25	7	2.20	6.50	2.0	0.3	1.2	15.5	492
1	35	7	2.58	7.50	2.0	0.3	1.3	16.5	608
1	50	19	1.78	8.90	2.0	0.3	1.3	18.0	768
1	70	19	2.20	11.00	2.0	0.3	1.4	20.0	999
1	95	19	2.58	12.90	2.0	0.3	1.5	22.0	1267
1	120	37	2.03	14.20	2.0	0.3	1.5	23.5	1509
1	150	37	2.25	15.75	2.0	0.3	1.6	25.5	1812
1	185	37	2.58	18.06	2.0	0.3	1.6	27.5	2167
1	240	61	2.25	20.25	2.0	0.3	1.7	30.0	2699
1	300	61	2.52	22.68	2.0	0.3	1.8	32.5	3281
1	400	61	2.88	25.92	2.0	0.3	1.9	36.5	4240
1	500	61	3.23	29.10	2.2	0.3	2.0	40.0	5203
1	630	91	2.97	32.80	2.4	0.4	2.2	44.5	6584

3kV HEPR INSULATED POWER CABLES 3 CORE

RATED OPERATING VOLTAGE : 1.8 / 3.0 (3.6) kV

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 353

CONDUCTOR MATERIAL : Stranded, annealed , plain or tinned copper class 2 as per IEC 60228

INSULATION MATERIAL : HEPR as per IEC 60502-1

CORE SCREEN : Unscreened

LAY UP : Cores laid up with PP fillers

INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359

ARMOUR/ BRAIDING MATERIAL : Annealed Copper Wire tinned or untinned, Option GI wire, SS wire or Bronze wire

OUTERSHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359

HEPR INSULATED, WITHOUT SEMICON, UNSCREENED, BRAIDED ARMOURED HALOGEN FREE SHEATHED CABLE
STANDARED SPECIFICATION : IEC 60092 - 350, 353. Voltage Grade : 1.8 / 3 (3.6) kV
DIMENSIONS & WEIGHT

CORES	Cross Sectional Area	Conductor No. of Strands	Conductor Nom Dia of each strands	Conductor Nom Dia	Insulation HEPR Nom Thickness	Inner Cover Approx. Thickness	ARMOUR (ATC) Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	mm	kg/km
HEPR CU Braided armour										
3	25	7	2.20	6.50	2.0	1.0	0.3	1.7	31.5	1602
3	35	7	2.58	7.50	2.0	1.0	0.3	1.8	34.0	1967
3	50	19	1.78	8.90	2.0	1.2	0.3	1.9	37.5	2532
3	70	19	2.20	11.00	2.0	1.2	0.3	2.0	42.0	3281
3	95	19	2.58	12.90	2.0	1.2	0.4	2.2	47.0	4289
3	120	37	2.03	14.20	2.0	1.4	0.4	2.3	50.5	5140
3	150	37	2.25	15.75	2.0	1.4	0.4	2.4	54.0	6109
3	185	37	2.58	18.06	2.0	1.4	0.4	2.6	59.5	7342
3	240	61	2.25	20.25	2.0	1.6	0.4	2.8	65.0	9130
3	300	61	2.52	22.68	2.0	1.6	0.4	3.0	70.5	11053

3kV HEPR INSULATED POWER CABLES 3 CORE - CU TAPE SCREENED

RATED OPERATING VOLTAGE : 1.8 / 3.0 (3.6) kV

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 353

CONDUCTOR MATERIAL: Stranded, annealed , plain or tinned copper class 2 as per IEC 60228

INSULATION MATERIAL : HEPR as per IEC 60502-1

CORE SCREEN : Lapped copper tape

LAY UP : Cores laid up with PP fillers

INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359

ARMOUR/ BRAIDING MATERIAL : Annealed Copper Wire tinned or untinned, Option GI wire, SS wire or Bronze wire

OUTERSHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359

HEPR INSULATED, WITHOUT SEMICON, CU TAPE SCREENED, BRAIDED ARMOURED HALOGEN FREE SHEATHED CABLE
STANDARED SPECIFICATION : IEC 60092 - 350, 353. Voltage Grade : 1.8 / 3 (3.6) kV
DIMENSIONS & WEIGHT

CORES	Cross Sectional Area	Conductor No. of Strands	Conductor Nom. Dia of each strands	Conductor Nom. Dia	Insulation HEPR Nom. Thickness	Core tape screen thickness	Inner Cover Approx. Thickness	ARMOUR (ATC) Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	mm	mm	kg/km
HEPR CU Tape screened , Braided armour											
3	25	7	2.20	6.50	2.0	0.075	1.0	0.3	1.7	32.0	1751
3	35	7	2.58	7.50	2.0	0.075	1.0	0.3	1.8	34.5	2130
3	50	19	1.78	8.90	2.0	0.075	1.2	0.3	1.9	38.0	2717
3	70	19	2.20	11.00	2.0	0.075	1.2	0.3	2.0	43.0	3484
3	95	19	2.58	12.90	2.0	0.075	1.2	0.4	2.2	48.0	4522
3	120	37	2.03	14.20	2.0	0.075	1.4	0.4	2.3	51.0	5397
3	150	37	2.25	15.75	2.0	0.075	1.4	0.4	2.4	55.0	6396
3	185	37	2.58	18.06	2.0	0.075	1.4	0.4	2.6	60.0	7667
3	240	61	2.25	20.25	2.0	0.075	1.6	0.4	2.8	65.5	9497
3	300	61	2.52	22.68	2.0	0.075	1.6	0.4	3.0	71.5	11450

MV XLPE INSULATED POWER CABLES 1 CORE

RATED OPERATING VOLTAGE : 3.6/6.0, 6/10, 8.7/15, 12/20, 18/30 kV

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 354

1. CONDUCTOR MATERIAL : Stranded, annealed , plain or tinned copper class 2 as per IEC 60228

2. CONDUCTOR SCREEN : Extruded semiconducting compound

3. INSULATION MATERIAL : XLPE as per IEC 60502-2

4. CORE SCREEN : Extruded semiconducting compound followed by metallic screen of copper wire braid

5. ARMOUR/ BRAIDING MATERIAL : Annealed Copper Wire tinned or untinned, Option Bronze wire

6. OUTERSHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359



XLPE INSULATED, BRAIDED SCREENED ARMOURED, HALOGEN FREE FR SHEATHED CABLE
STANDARED SPECIFICATION : IEC 60092 - 350, 354. VOLTAGE GARDE : 3.6 / 6 (7.2) kV
DIMENSIONS & WEIGHT

CORES	Cross Sectional Area	Conductor No. of Strands	Nom Dia of each strands	Conductor Nom Dia	XLPE Nom. Thickness	(ATC) Braid Wire Diameter	Sheath Nominal Thickness	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km
Voltage Grade - 3.6/6kV CU BRAID ARMOURED									
1	25	7	2.20	6.0	2.5	0.3	1.4	18.5	591
1	35	7	2.58	7.0	2.5	0.3	1.4	19.5	695
1	50	7	3.02	8.1	2.5	0.3	1.5	21.0	860
1	70	19	2.20	9.7	2.5	0.3	1.6	22.0	1065
1	95	19	2.58	11.4	2.5	0.3	1.6	24.0	1322
1	120	19	2.98	13.5	2.5	0.3	1.7	26.0	1602
1	150	19	3.26	14.2	2.5	0.3	1.7	27.0	1872
1	185	37	2.58	16.1	2.5	0.3	1.8	29.0	2232
1	240	37	2.98	18.6	2.6	0.3	1.9	32.0	2790
1	300	37	3.26	20.6	2.8	0.3	2.0	34.0	3366
1	400	59	2.98	23.6	3.0	0.4	2.1	38.0	4442
1	500	59	3.26	26.6	3.0	0.4	2.2	42.0	5428
1	630	59	3.70	30.2	3.0	0.4	2.4	46.0	6716
1	800	59	4.20	34.6	3.0	0.4	2.5	51.0	8321
1	1000	59	4.70	39.8	3.0	0.4	2.7	56.5	10238

CORES	Cross Sectional Area	Conductor No. of Strands	Conductor Nom Dia of each strands	Conductor Nom Dia	Insulation XLPE Nom. Thickness	ARMOUR (ATC) Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km
Voltage Grade - 6/10kV CU BRAID ARMOURED									
1	25	6	2.20	6.0	3.4	0.3	1.5	20.5	669
1	35	7	2.58	7.0	3.4	0.3	1.5	21.5	776
1	50	7	3.02	8.1	3.4	0.3	1.6	22.5	928
1	70	19	2.20	9.7	3.4	0.3	1.6	24.0	1144
1	95	19	2.58	11.4	3.4	0.3	1.7	26.0	1417
1	120	19	2.98	13.5	3.4	0.3	1.7	28.0	1691
1	150	19	3.26	14.2	3.4	0.3	1.8	29.0	1976
1	185	37	2.58	16.1	3.4	0.3	1.9	31.0	2344
1	240	37	2.98	18.6	3.4	0.3	2.0	33.5	2898
1	300	37	3.26	20.6	3.4	0.3	2.0	35.5	3466
1	400	59	2.98	23.6	3.4	0.4	2.2	39.5	4545
1	500	59	3.26	26.6	3.4	0.4	2.3	43.0	5509
1	630	59	3.70	30.2	3.4	0.4	2.4	46.5	6748
1	800	59	4.20	34.6	3.4	0.4	2.5	51.0	8357
1	1000	59	4.70	39.8	3.4	0.4	2.7	57.0	10276
Voltage Grade - 8.7/15kV									
1	35	7	2.58	7.0	4.5	0.3	1.6	24.0	890
1	50	7	3.02	8.1	4.5	0.3	1.7	25.0	1046
1	70	19	2.20	9.7	4.5	0.3	1.7	26.5	1269
1	95	19	2.58	11.4	4.5	0.3	1.8	28.5	1550
1	120	19	2.98	13.5	4.5	0.3	1.8	30.5	1833
1	150	19	3.26	14.2	4.5	0.3	1.9	31.5	2122
1	185	37	2.58	16.1	4.5	0.3	2.0	33.5	2498
1	240	37	2.98	18.6	4.5	0.3	2.0	36.0	3047
1	300	37	3.26	20.6	4.5	0.4	2.1	39.0	3748
1	400	59	2.98	23.6	4.5	0.4	2.3	42.0	4740
1	500	59	3.26	26.6	4.5	0.4	2.4	45.5	5718
1	630	59	3.70	30.2	4.5	0.4	2.5	49.0	6973
1	800	59	4.20	34.6	4.5	0.4	2.6	54.0	8600
1	1000	59	4.70	39.8	4.5	0.4	2.8	59.5	10542
Voltage Grade - 12/20kV									
1	35	7	2.58	7.0	5.5	0.3	1.7	26.5	995
1	50	7	3.02	8.1	5.5	0.3	1.7	27.0	1142
1	70	19	2.20	9.7	5.5	0.3	1.8	29.0	1383
1	95	19	2.58	11.4	5.5	0.3	1.9	30.5	1671
1	120	19	2.98	13.5	5.5	0.3	1.9	33.0	1961
1	150	19	3.26	14.2	5.5	0.3	2.0	33.5	2253
1	185	37	2.58	16.1	5.5	0.3	2.0	35.5	2621
1	240	37	2.98	18.6	5.5	0.4	2.1	39.0	3305
1	300	37	3.26	20.6	5.5	0.4	2.2	41.0	3910
1	400	59	2.98	23.6	5.5	0.4	2.3	44.0	4894

CORES	Cross Sectional Area	Conductor No. of Strands	Conductor Nom Dia of each strands	Conductor Nom Dia	Insulation XLPE Nom. Thickness	ARMOUR (ATC) Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km
1	500	59	3.26	26.6	5.5	0.4	2.4	47.5	5882
1	630	59	3.70	30.2	5.5	0.4	2.6	51.5	7172
1	800	59	4.20	34.6	5.5	0.4	2.7	56.0	8815
1	1000	59	4.70	39.8	5.5	0.4	2.9	61.5	10778
Voltage Grade - 18/30 kV									
1	50	7	3.02	8.1	8.0	0.3	1.9	33.0	1463
1	70	19	2.20	9.7	8.0	0.3	2.0	34.5	1720
1	95	19	2.58	11.4	8.0	0.3	2.1	36.5	2026
1	120	19	2.98	13.5	8.0	0.4	2.1	39.0	2444
1	150	19	3.26	14.2	8.0	0.4	2.2	40.0	2750
1	185	37	2.58	16.1	8.0	0.4	2.3	42.0	3158
1	240	37	2.98	18.6	8.0	0.4	2.3	44.5	3745
1	300	37	3.26	20.6	8.0	0.4	2.4	47.0	4372
1	400	59	2.98	23.6	8.0	0.4	2.5	50.0	5385
1	500	59	3.26	26.6	8.0	0.4	2.6	53.0	6402
1	630	59	3.70	30.2	8.0	0.4	2.8	57.0	7731
1	800	59	4.20	34.6	8.0	0.4	2.9	62.0	9415
1	1000	59	4.70	39.8	8.0	0.4	3.1	67.5	11429



MV XLPE INSULATED POWER CABLES 1 CORE

RATED OPERATING VOLTAGE : 3.6/6.0, 6/10, 8.7/15, 12/20, 18/30 kV

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 354

1. CONDUCTOR MATERIAL : Stranded, annealed , plain or tinned copper class 2 as per IEC 60228

2. CONDUCTOR SCREEN : Extruded semiconducting compound

3. INSULATION MATERIAL : XLPE as per IEC 60502-2

4. CORE SCREEN : Extruded semiconducting compound

5. METALLIC SCREEN : Lapped Copper Tape

6. INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359

7. ARMOUR : Aluminium round wire

8. OUTER SHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359



XLPE INSULATED, CU TAPE SCREENED, ALUMINIUM WIRE ARMOURED, HALOGEN FREE FR SHEATHED CABLE

STANDARED SPECIFICATION : IEC 60092 - 350, 354. VOLTAGE GRADE : 3.6 / 6 (7.2) kV

DIMENSIONS & WEIGHT

CORES	Cross Sectional Area	Conductor No. of Strands	Conductor Nom Dia of each strands	Conductor Nom Dia	Insulation XLPE Nom. Thickness	Core tape screen Thickness	Inner Cover approx. Thickness	ARMOUR ALUMINIUM Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with AL Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	mm	mm	kg/km
XLPE CU tape scr/ AL Wire Armoured											
Voltage Grade - 3.6/6kV AL wire ARMOURED											
1	25	7	2.20	6.0	2.5	0.075	1.0	1.25	1.5	21.5	725
1	35	7	2.58	7.0	2.5	0.075	1.0	1.6	1.5	24.0	880
1	50	7	3.02	8.1	2.5	0.075	1.0	1.6	1.6	25.0	1054
1	70	19	2.20	9.7	2.5	0.075	1.0	1.6	1.7	26.5	1270
1	95	19	2.58	11.4	2.5	0.075	1.0	1.6	1.7	28.5	1536
1	120	19	2.98	13.5	2.5	0.075	1.0	1.6	1.8	30.5	1838
1	150	19	3.26	14.2	2.5	0.075	1.0	1.6	1.8	31.5	2113
1	185	37	2.58	16.1	2.5	0.075	1.0	1.6	1.9	33.5	2488
1	240	37	2.98	18.6	2.6	0.075	1.2	2.0	2.0	37.5	3187
1	300	37	3.26	20.6	2.8	0.075	1.2	2.0	2.1	39.5	3784
1	400	59	2.98	23.6	3.0	0.075	1.2	2.0	2.3	43.5	4814
1	500	59	3.26	26.6	3.0	0.075	1.2	2.0	2.4	47.0	5828
1	630	59	3.70	30.2	3.0	0.075	1.4	2.5	2.5	52.5	7321
1	800	59	4.20	34.6	3.0	0.075	1.4	2.5	2.7	57.5	9011
1	1000	59	4.70	39.8	3.0	0.075	1.4	2.5	2.8	63.0	10960

CORES	Cross Sectional Area	Conductor No. of Strands	Conductor Nom Dia of each strands	Conductor Nom Dia	Insulation XLPE Nom. Thickness	Core tape screen Thickness	Inner Cover approx. Thickness	ARMOUR ALUMINIUM Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with AL Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	mm	mm	kg/km
XLPE CU tape scr/ AL Wire Armoured											
Voltage Grade - 3.6/6kV AL wire ARMOURED											
1	25	6	2.20	6.0	3.4	0.075	1.0	1.6	1.6	25.0	860
1	35	7	2.58	7.0	3.4	0.075	1.0	1.6	1.6	26.0	975
1	50	7	3.02	8.1	3.4	0.075	1.0	1.6	1.7	27.0	1133
1	70	19	2.20	9.7	3.4	0.075	1.0	1.6	1.7	28.5	1363
1	95	19	2.58	11.4	3.4	0.075	1.0	1.6	1.8	30.5	1648
1	120	19	2.98	13.5	3.4	0.075	1.0	1.6	1.8	32.5	1942
1	150	19	3.26	14.2	3.4	0.075	1.0	1.6	1.9	33.5	2234
1	185	37	2.58	16.1	3.4	0.075	1.2	2.0	2.0	36.5	2726
1	240	37	2.98	18.6	3.4	0.075	1.2	2.0	2.1	39.5	3315
1	300	37	3.26	20.6	3.4	0.075	1.2	2.0	2.2	41.5	3916
1	400	59	2.98	23.6	3.4	0.075	1.2	2.0	2.3	44.5	4913
1	500	59	3.26	26.6	3.4	0.075	1.2	2.5	2.4	49.0	6026
1	630	59	3.70	30.2	3.4	0.075	1.4	2.5	2.6	53.5	7378
1	800	59	4.20	34.6	3.4	0.075	1.4	2.5	2.7	58.0	9047
1	1000	59	4.70	39.8	3.4	0.075	1.6	2.5	2.9	64.0	11094
Voltage Grade - 8.7/15kV											
1	35	7	2.58	7.0	4.5	0.075	1.0	1.6	1.7	28.5	1112
1	50	7	3.02	8.1	4.5	0.075	1.0	1.6	1.8	29.5	1274
1	70	19	2.20	9.7	4.5	0.075	1.0	1.6	1.8	31.0	1510
1	95	19	2.58	11.4	4.5	0.075	1.0	1.6	1.9	33.0	1803
1	120	19	2.98	13.5	4.5	0.075	1.0	2.0	2.0	36.0	2198
1	150	19	3.26	14.2	4.5	0.075	1.2	2.0	2.0	37.0	2510
1	185	37	2.58	16.1	4.5	0.075	1.2	2.0	2.1	39.0	2915
1	240	37	2.98	18.6	4.5	0.075	1.2	2.0	2.2	42.0	3508
1	300	37	3.26	20.6	4.5	0.075	1.2	2.0	2.3	44.0	4127
1	400	59	2.98	23.6	4.5	0.075	1.2	2.5	2.4	48.5	5259
1	500	59	3.26	26.6	4.5	0.075	1.4	2.5	2.5	52.0	6313
1	630	59	3.70	30.2	4.5	0.075	1.4	2.5	2.7	56.0	7641
1	800	59	4.20	34.6	4.5	0.075	1.4	2.5	2.8	60.5	9327
1	1000	59	4.70	39.8	4.5	0.075	1.6	2.5	3.0	66.5	11402

CORES	Cross Sectional Area	Conductor No. of Strands	Conductor Nom Dia of each strands	Conductor Nom Dia	Insulation XLPE Nom. Thickness	Core tape screen Thickness	Inner Cover approx. Thickness	ARMOUR ALUMINIUM Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with AL Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	mm	mm	kg/km
XLPE CU tape scr/ AL Wire Armoured											
Voltage Grade - 3.6/6kV AL wire ARMOURED											
1	35	7	2.58	7.0	5.5	0.075	1.0	1.6	1.8	30.5	1232
1	50	7	3.02	8.1	5.5	0.075	1.0	1.6	1.8	31.5	1383
1	70	19	2.20	9.7	5.5	0.075	1.0	1.6	1.9	33.0	1640
1	95	19	2.58	11.4	5.5	0.075	1.0	2.0	2.0	36.0	2022
1	120	19	2.98	13.5	5.5	0.075	1.2	2.0	2.0	38.5	2366
1	150	19	3.26	14.2	5.5	0.075	1.2	2.0	2.1	39.5	2670
1	185	37	2.58	16.1	5.5	0.075	1.2	2.0	2.2	41.5	3072
1	240	37	2.98	18.6	5.5	0.075	1.2	2.0	2.3	44.0	3684
1	300	37	3.26	20.6	5.5	0.075	1.2	2.0	2.3	46.0	4281
1	400	59	2.98	23.6	5.5	0.075	1.4	2.5	2.5	51.0	5497
1	500	59	3.26	26.6	5.5	0.075	1.4	2.5	2.6	54.0	6522
1	630	59	3.70	30.2	5.5	0.075	1.4	2.5	2.7	58.0	7838
1	800	59	4.20	34.6	5.5	0.075	1.6	2.5	2.9	63.0	9621
1	1000	59	4.70	39.8	5.5	0.075	1.6	2.5	3.0	68.5	11631
Voltage Grade - 18/30kV											
1	50	7	3.02	8.1	8.0	0.075	1.2	2.0	2.1	38.5	1886
1	70	19	2.20	9.7	8.0	0.075	1.2	2.0	2.1	40.0	2143
1	95	19	2.58	11.4	8.0	0.075	1.2	2.0	2.2	42.0	2470
1	120	19	2.98	13.5	8.0	0.075	1.2	2.0	2.2	44.0	2803
1	150	19	3.26	14.2	8.0	0.075	1.2	2.0	2.3	45.0	3115
1	185	37	2.58	16.1	8.0	0.075	1.2	2.5	2.4	48.0	3664
1	240	37	2.98	18.6	8.0	0.075	1.4	2.5	2.5	51.5	4362
1	300	37	3.26	20.6	8.0	0.075	1.4	2.5	2.6	53.5	5013
1	400	59	2.98	23.6	8.0	0.075	1.4	2.5	2.7	56.5	6063
1	500	59	3.26	26.6	8.0	0.075	1.4	2.5	2.8	60.0	7118
1	630	59	3.70	30.2	8.0	0.075	1.6	2.5	2.9	64.0	8522
1	800	59	4.20	34.6	8.0	0.075	1.6	2.5	3.1	69.0	10300
1	1000	59	4.70	39.8	8.0	0.075	1.6	2.5	3.2	74.5	12360

MV XLPE INSULATED POWER CABLES 3 CORE

RATED OPERATING VOLTAGE : 3.6/6.0, 6/10, 8.7/15, 12/20, 18/30 kV

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 354

1. CONDUCTOR MATERIAL : Stranded, annealed , plain or tinned copper class 2 as per IEC 60228

2. CONDUCTOR SCREEN : Extruded semiconducting compound

3. INSULATION MATERIAL : XLPE as per IEC 60502-2

4. CORE SCREEN : Extruded semiconducting compound

5. METALLIC SCREEN : Copper Wire Braiding

LAY UP : Cores laid up with PP fillers

6. INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359

7. ARMOUR/ BRAIDING MATERIAL : Annealed Copper Wire tinned or untinned, Option GI wire, SS wire or Bronze wire

8. OUTER SHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359



XLPE INSULATED, CU BRAID SCREENED AND BRAIDED ARMOURED HALOGEN FREE FR SHEATHED CABLE

STANDARED SPECIFICATION : IEC 60092 - 350, 354. VOLTAGE GRADE : 3.6 / 6 (7.2) kV

DIMENSIONS & WEIGHT

CORES	Cross Sectional Area	Conductor No. of Strands	Conductor Nom Dia of each strands	Conductor Nom Dia	Insulation XLPE Nom. Thickness	Core screen ATC Braid Wire Diameter	Inner Cover Approx. Thickness	ARMOUR (ATC) Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	mm	mm	kg/km
XLPE CU Braid & Braided armour											
Voltage Grade - 3.6/6kV											
3	25	7	2.20	6.0	2.5	0.3	1.4	0.4	2.2	43.5	2759
3	35	7	2.58	7.0	2.5	0.3	1.4	0.4	2.3	45.0	3187
3	50	7	3.02	8.1	2.5	0.3	1.4	0.4	2.4	48.0	3801
3	70	19	2.20	9.7	2.5	0.3	1.4	0.4	2.6	51.0	4603
3	95	19	2.58	11.4	2.5	0.3	1.4	0.4	2.7	55.0	5540
3	120	19	2.98	13.5	2.5	0.3	1.6	0.4	2.8	60.0	6604
3	150	19	3.26	14.2	2.5	0.3	1.6	0.4	2.9	62.0	7514
3	185	37	2.58	16.1	2.5	0.3	1.6	0.4	3.1	66.5	8790
3	240	37	2.98	18.6	2.6	0.3	1.6	0.4	3.3	72.5	10747
3	300	37	3.26	20.6	2.8	0.3	1.8	0.4	3.5	78.5	12889
3	400	59	2.98	23.6	3.0	0.4	1.8	0.4	3.8	87.5	16630

CORES	Cross Sectional Area	Conductor No. of Strands	Conductor Nom Dia of each strands	Conductor Nom Dia	Insulation XLPE Nom. Thickness	Core screen ATC Braid Wire Diameter	Inner Cover Approx. Thickness	ARMOUR (ATC) Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	mm	mm	kg/km
XLPE CU Braid & Braided armour											
Voltage Grade - 6/10kV											
3	25	7	2.20	6.0	3.4	0.3	1.4	0.4	2.4	48.0	3186
3	35	7	2.58	7.0	3.4	0.3	1.4	0.4	2.5	50.0	3619
3	50	7	3.02	8.1	3.4	0.3	1.4	0.4	2.6	51.5	4210
3	70	19	2.20	9.7	3.4	0.3	1.4	0.4	2.7	55.5	5012
3	95	19	2.58	11.4	3.4	0.3	1.6	0.4	2.9	59.5	6051
3	120	19	2.98	13.5	3.4	0.3	1.6	0.4	3.0	64.5	7094
3	150	19	3.26	14.2	3.4	0.3	1.6	0.4	3.1	66.0	8005
3	185	37	2.58	16.1	3.4	0.3	1.6	0.4	3.2	70.5	9279
3	240	37	2.98	18.6	3.4	0.3	1.8	0.4	3.4	76.5	11286
3	300	37	3.26	20.6	3.4	0.3	1.8	0.4	3.6	81.5	13279
3	400	59	2.98	23.6	3.4	0.4	1.8	0.4	3.9	89.5	16924
Voltage Grade - 8.7/15kV											
3	25	7	2.20	6.0	4.5	0.3	1.4	0.4	2.6	52.5	3501
3	35	7	2.58	7.0	4.5	0.3	1.4	0.4	2.7	54.5	3949
3	50	7	3.02	8.1	4.5	0.3	1.6	0.4	2.8	57.5	4600
3	70	19	2.20	9.7	4.5	0.3	1.6	0.4	2.9	61.0	5423
3	95	19	2.58	11.4	4.5	0.3	1.6	0.4	3.0	65.0	6405
3	120	19	2.98	13.5	4.5	0.3	1.6	0.4	3.2	70.0	7507
3	150	19	3.26	14.2	4.5	0.3	1.6	0.4	3.3	72.0	8427
3	185	37	2.58	16.1	4.5	0.3	1.8	0.4	3.4	76.5	9788
3	240	37	2.98	18.6	4.5	0.3	1.8	0.4	3.6	82.5	11762
3	300	37	3.26	20.6	4.5	0.4	1.8	0.4	3.8	88.0	14150
3	400	59	2.98	23.6	4.5	0.4	1.8	0.4	4.1	95.0	17473
Voltage Grade - 12/20kV											
3	35	7	2.58	7.0	5.5	0.3	1.6	0.4	2.8	60.5	4556
3	50	7	3.02	8.1	5.5	0.3	1.6	0.4	3.0	62.5	5107
3	70	19	2.20	9.7	5.5	0.3	1.6	0.4	3.1	66.0	5962
3	95	19	2.58	11.4	5.5	0.3	1.6	0.4	3.2	70.0	6962
3	120	19	2.98	13.5	5.5	0.3	1.8	0.4	3.3	75.0	8132
3	150	19	3.26	14.2	5.5	0.3	1.8	0.4	3.5	77.0	9096
3	185	37	2.58	16.1	5.5	0.3	1.8	0.4	3.6	81.0	10425
3	240	37	2.98	18.6	5.5	0.4	1.8	0.4	3.8	88.0	12821
3	300	37	3.26	20.6	5.5	0.4	1.8	0.4	4.0	93.0	14879
3	400	59	2.98	23.6	5.5	0.4	2.0	0.4	4.3	100.5	18336
Voltage Grade - 18/30kV											
3	50	7	3.02	8.1	8.0	0.3	1.8	0.4	3.4	75.0	6667
3	70	19	2.20	9.7	8.0	0.3	1.8	0.4	3.5	79.0	7582
3	95	19	2.58	11.4	8.0	0.3	1.8	0.4	3.6	82.5	8662
3	120	19	2.98	13.5	8.0	0.4	1.8	0.4	3.8	88.5	10268
3	150	19	3.26	14.2	8.0	0.4	1.8	0.4	3.9	90.5	11240
3	185	37	2.58	16.1	8.0	0.4	1.8	0.4	4.1	95.0	12703
3	240	37	2.98	18.6	8.0	0.4	2.0	0.4	4.3	101.0	14931
3	300	37	3.26	20.6	8.0	0.4	2.0	0.4	4.4	105.5	17052
3	400	59	2.98	23.6	8.0	0.4	2.0	0.4	4.7	112.5	20543

MV POWER CABLES 3 CORE

RATED OPERATING VOLTAGE : 3.6/6.0, 6/10, 8.7/15, 12/20, 18/30 kV

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 354

1. CONDUCTOR MATERIAL : Stranded, annealed , plain or tinned copper class 2 as per IEC 60228

2. CONDUCTOR SCREEN : Extruded semiconducting compound

3. INSULATION MATERIAL : XLPE as per IEC 60502-2

4. CORE SCREEN : Extruded semiconducting compound

5. METALLIC SCREEN : Plain Copper Tape

LAY UP : Cores laid up with PP fillers

6. INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359

7. ARMOUR/ BRAIDING MATERIAL : Annealed Copper Wire tinned or untinned Option GI wire, SS wire or Bronze wire

8. OUTER SHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359



XLPE INSULATED, CU TAPE SCREENED, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE
STANDARED SPECIFICATION : IEC 60092 - 350, 354. VOLTAGE GRADE : 3.6 / 6 (7.2) kV
DIMENSIONS & WEIGHT

CORES	Cross Sectional Area	Conductor No. of Strands	Conductor Nom Dia of each strands	Conductor Nom Dia	Insulation XLPE Nom. Thickness	Core screen ATC Braid Wire Diameter	Inner Cover Approx. Thickness	ARMOUR (ATC) Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	mm	mm	kg/km
XLPE CU Tape screened , Braided armour											
Voltage Grade - 3.6/6kV											
3	25	7	2.20	6.0	2.5	0.075	1.2	0.4	2.1	40.0	2305
3	35	7	2.58	7.0	2.5	0.075	1.2	0.4	2.2	42.0	2673
3	50	7	3.02	8.1	2.5	0.075	1.2	0.4	2.3	44.5	3217
3	70	19	2.20	9.7	2.5	0.075	1.4	0.4	2.4	48.0	3935
3	95	19	2.58	11.4	2.5	0.075	1.4	0.4	2.6	52.0	4844
3	120	19	2.98	13.5	2.5	0.075	1.4	0.4	2.7	56.5	5812
3	150	19	3.26	14.2	2.5	0.075	1.6	0.4	2.8	58.5	6751
3	185	37	2.58	16.1	2.5	0.075	1.6	0.4	2.9	63.0	7953
3	240	37	2.98	18.6	2.6	0.075	1.6	0.4	3.1	69.0	9845
3	300	37	3.26	20.6	2.8	0.075	1.8	0.4	3.4	75.5	11969
3	400	59	2.98	23.6	3.0	0.075	1.8	0.4	3.7	83.5	15244

CORES	Cross Sectional Area	Conductor No. of Strands	Conductor Nom Dia of each strands	Conductor Nom Dia	Insulation XLPE Nom. Thickness	Core screen ATC Braid Wire Diameter	Inner Cover Approx. Thickness	ARMOUR (ATC) Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	mm	mm	kg/km
XLPE CU Tape screened , Braided armour											
Voltage Grade - 6/10kV											
3	25	7	2.20	6.0	3.4	0.075	1.2	0.4	2.2	44.0	2593
3	35	7	2.58	7.0	3.4	0.075	1.6	0.4	2.3	46.5	3035
3	50	7	3.02	8.1	3.4	0.075	1.4	0.4	2.4	48.0	3518
3	70	19	2.20	9.7	3.4	0.075	1.4	0.4	2.6	52.0	4302
3	95	19	2.58	11.4	3.4	0.075	1.4	0.4	2.7	56.0	5220
3	120	19	2.98	13.5	3.4	0.075	1.6	0.4	2.8	61.0	6261
3	150	19	3.26	14.2	3.4	0.075	1.6	0.4	3.0	63.0	7195
3	185	37	2.58	16.1	3.4	0.075	1.6	0.4	3.1	67.5	8422
3	240	37	2.98	18.6	3.4	0.075	1.6	0.4	3.3	73.0	10304
3	300	37	3.26	20.6	3.4	0.075	1.8	0.4	3.5	78.0	12309
3	400	59	2.98	23.6	3.4	0.075	1.8	0.4	3.7	85.0	15464
Voltage Grade - 8.7/15kV											
3	25	7	2.20	6.0	4.5	0.075	1.4	0.4	2.4	49.0	3023
3	35	7	2.58	7.0	4.5	0.075	1.4	0.4	2.5	51.0	3460
3	50	7	3.02	8.1	4.5	0.075	1.4	0.4	2.7	54.0	4068
3	70	19	2.20	9.7	4.5	0.075	1.6	0.4	2.8	58.0	4916
3	95	19	2.58	11.4	4.5	0.075	1.6	0.4	2.9	62.0	5869
3	120	19	2.98	13.5	4.5	0.075	1.6	0.4	3.0	66.5	6899
3	150	19	3.26	14.2	4.5	0.075	1.6	0.4	3.2	68.5	7839
3	185	37	2.58	16.1	4.5	0.075	1.6	0.4	3.3	73.0	9105
3	240	37	2.98	18.6	4.5	0.075	1.8	0.4	3.5	79.0	11110
3	300	37	3.26	20.6	4.5	0.075	1.8	0.4	3.6	83.5	13060
3	400	59	2.98	23.6	4.5	0.075	1.8	0.4	3.9	90.5	16299
Voltage Grade - 12/20kV											
3	35	7	2.58	7.0	5.5	0.075	1.4	0.4	2.7	57.0	3997
3	50	7	3.02	8.1	5.5	0.075	1.6	0.4	2.8	59.0	4567
3	70	19	2.20	9.7	5.5	0.075	1.6	0.4	2.9	62.5	5385
3	95	19	2.58	11.4	5.5	0.075	1.6	0.4	3.1	66.5	6395
3	120	19	2.98	13.5	5.5	0.075	1.6	0.4	3.2	71.5	7468
3	150	19	3.26	14.2	5.5	0.075	1.6	0.4	3.3	73.0	8390
3	185	37	2.58	16.1	5.5	0.075	1.8	0.4	3.5	78.0	9792
3	240	37	2.98	18.6	5.5	0.075	1.8	0.4	3.6	83.5	11731
3	300	37	3.26	20.6	5.5	0.075	1.8	0.4	3.8	88.5	13741
3	400	59	2.98	23.6	5.5	0.075	1.8	0.4	4.1	95.5	17042
Voltage Grade - 18/30kV											
3	50	7	3.02	8.1	8.0	0.075	1.6	0.4	3.3	71.5	6005
3	70	19	2.20	9.7	8.0	0.075	1.8	0.4	3.4	75.5	6964
3	95	19	2.58	11.4	8.0	0.075	1.8	0.4	3.5	79.5	8019
3	120	19	2.98	13.5	8.0	0.075	1.8	0.4	3.6	84.0	9171
3	150	19	3.26	14.2	8.0	0.075	1.8	0.4	3.8	86.0	10167
3	185	37	2.58	16.1	8.0	0.075	1.8	0.4	3.9	90.5	11543
3	240	37	2.98	18.6	8.0	0.075	1.8	0.4	4.1	96.0	13627
3	300	37	3.26	20.6	8.0	0.075	2.0	0.4	4.3	101.5	15836
3	400	59	2.98	23.6	8.0	0.075	2.0	0.4	4.5	108.0	19215

MV EPDM INSULATED POWER CABLES 1 CORE

RATED OPERATING VOLTAGE : 3.6/6.0, 6/10, 8.7/15 kV

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 3541.

1. CONDUCTOR MATERIAL: Stranded, annealed , plain or tinned copper class 2 as per IEC 60228

2. CONDUCTOR SCREEN : Extruded semiconducting compound

3. INSULATION MATERIAL : EPDM as per IEC 60502-2

4. CORE SCREEN : Extruded semiconducting compound

5. ARMOUR / BRAIDING MATERIAL : Annealed Copper Wire tinned or untinned, Optional Bronze wire

6. OUTERSHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359



EPDM INSULATED, CU WIRE BRAIDED SCREENED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

STANDARED SPECIFICATION : IEC 60092 - 350, 354. VOLTAGE GRADE : 3.6 / 6 (7.2) kV

DIMENSIONS & WEIGHT

CORES	Cross Sectional Area	Conductor No. of Strands	Conductor Nom Dia of each strands	Conductor Nom Dia	Insulation Nom. Thickness	ARMOUR (ATC) Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km
Voltage Grade - 3.6/6kV CU BRAID ARMOURED									
1	25	7	2.20	6.50	2.5	0.3	1.4	22.0	825
1	35	7	2.58	7.50	2.5	0.3	1.4	22.5	903
1	50	19	1.78	8.90	2.5	0.3	1.5	24.0	1096
1	70	19	2.20	11.00	2.5	0.3	1.6	26.5	1356
1	95	19	2.58	12.90	2.5	0.3	1.6	28.0	1643
1	120	37	2.03	14.20	2.5	0.3	1.7	29.5	1917
1	150	37	2.25	15.75	2.5	0.3	1.7	31.5	2230
1	185	37	2.58	18.06	2.5	0.3	1.8	34.0	2632
1	240	61	2.25	20.25	2.6	0.3	1.9	36.0	3198
1	300	61	2.52	22.68	2.8	0.3	2.0	39.0	3817
1	400	61	2.88	25.92	3.0	0.4	2.1	43.0	4948
1	500	61	3.23	29.10	3.0	0.4	2.2	46.5	5972
1	630	91	2.97	32.80	3.0	0.4	2.4	51.0	7326

CORES	Cross Sectional Area	Conductor No. of Strands	Conductor Nom Dia of each strands	Conductor Nom Dia	Insulation Nom. Thickness	ARMOUR (ATC) Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km
Voltage Grade - 6/10KV CU BRAID ARMOURED									
1	25	7	2.20	6.50	3.4	0.3	1.5	23.0	881
1	35	7	2.58	7.50	3.4	0.3	1.5	24.0	995
1	50	19	1.78	8.09	3.4	0.3	1.6	25.5	1191
1	70	19	2.20	11.00	3.4	0.3	1.6	27.5	1450
1	95	19	2.58	12.90	3.4	0.3	1.7	30.0	1754
1	120	37	2.03	14.20	3.4	0.3	1.7	31.0	2020
1	150	37	2.25	15.75	3.4	0.3	1.8	33.0	2354
1	185	37	2.58	18.06	3.4	0.3	1.9	35.5	2764
1	240	61	2.25	20.25	3.4	0.3	2.0	38.0	3339
1	300	61	2.52	22.68	3.4	0.3	2.0	40.0	3949
1	400	61	2.88	25.92	3.4	0.4	2.2	44.5	5095
1	500	61	3.23	29.10	3.4	0.4	2.3	47.5	6107
1	630	91	2.97	32.80	3.4	0.4	2.4	51.5	7399
Voltage Grade - 8.7/15kV									
1	35	7	2.58	7.50	4.5	0.3	1.6	26.5	1158
1	50	19	1.78	8.90	4.5	0.3	1.7	28.0	1364
1	70	19	2.20	11.00	4.5	0.3	1.7	30.5	1634
1	95	19	2.58	12.90	4.5	0.3	1.8	32.5	1951
1	120	37	2.03	14.20	4.5	0.3	1.8	33.5	2223
1	150	37	2.25	15.75	4.5	0.3	1.9	35.5	2568
1	185	37	2.58	18.06	4.5	0.3	2.0	38.0	2992
1	240	61	2.25	20.25	4.5	0.3	2.0	40.0	3562
1	300	61	2.52	22.68	4.5	0.4	2.1	43.5	4328
1	400	61	2.88	25.92	4.5	0.4	2.3	47.0	5380
1	500	61	3.23	29.10	4.5	0.4	2.4	50.5	6436
1	630	91	2.97	32.80	4.5	0.4	2.5	54.5	7753

MV EPDM INSULATED POWER CABLES 3 CORE

RATED OPERATING VOLTAGE : 3.6/6.0, 6/10, 8.7/15 kV

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 354

1. **CONDUCTOR MATERIAL :** Stranded, annealed , plain or tinned copper class 2 as per IEC 60228
2. **CONDUCTOR SCREEN :** Extruded semiconducting compound
3. **INSULATION MATERIAL :** EPDM as per IEC 60502-2
4. **CORE SCREEN :** Extruded semiconducting compound
5. **Metallic Screen :** Copper Wire Braiding

   LAY UP : Cores laid up with PP fillers
6. **INNER COVER MATERIAL :** Polyolefin SHF1 compound as per IEC 60092-359
7. **ARMOUR/ BRAIDING MATERIAL :** Annealed Copper Wire tinned or untinned, Option GI wire, SS wire or Bronze wire
8. **OUTER SHEATH MATERIAL :** Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359



EPDM INSULATED, CU BRAID SCREENED, BRAIDED ARMOUR, HALOGEN FREE FR SHEATHED CABLE

STANDARED SPECIFICATION : IEC 60092 - 350, 354. VOLTAGE GRADE : 3.6 / 6 (7.2) kV

DIMENSIONS & WEIGHT

CORES	Cross Sectional Area	Conductor No. of Strands	Conductor Nom Dia of each strands	Conductor Nom Dia	Insulation Nom. Thickness	Core screen ATC Braid Wire Diameter	Inner Cover Approx. Thickness	ARMOUR (ATC) Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	mm	mm	kg/km
EPDM CU Braid screened & Braided armour											
Voltage Grade - 3.6/6kV											
3	25	7	2.20	6.50	2.5	0.3	1.2	0.4	2.2	50.0	3542
3	35	7	2.58	7.50	2.5	0.3	1.2	0.4	2.3	51.0	3857
3	50	19	1.78	8.90	2.5	0.3	1.4	0.4	2.4	54.5	4576
3	70	19	2.20	11.00	2.5	0.3	1.4	0.4	2.6	59.5	5540
3	95	19	2.58	12.90	2.5	0.3	1.4	0.4	2.7	64.0	6576
3	120	37	2.03	14.20	2.5	0.3	1.6	0.4	2.8	67.5	7555
3	150	37	2.25	15.75	2.5	0.3	1.6	0.4	2.9	71.0	8671
3	185	37	2.58	18.06	2.5	0.3	1.6	0.4	3.1	76.0	10101
3	240	61	2.25	20.25	2.6	0.3	1.6	0.4	3.3	81.5	12042
3	300	61	2.52	22.68	2.8	0.3	1.8	0.4	3.5	88.0	14326

CORES	Cross Sectional Area	Conductor No. of Strands	Conductor Nom Dia of each strands	Conductor Nom Dia	Insulation Nom. Thickness	Core screen ATC Braid Wire Diameter	Inner Cover Approx. Thickness	ARMOUR (ATC) Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	mm	mm	kg/km
EPDM CU Braid screened & Braided armour											
Voltage Grade - 6/10kV											
3	25	7	2.20	6.50	3.4	0.3	1.4	0.4	2.4	53.0	3865
3	35	7	2.58	7.50	3.4	0.3	1.4	0.4	2.5	55.0	4299
3	50	19	1.78	8.90	3.4	0.3	1.4	0.4	2.6	58.0	4986
3	70	19	2.20	11.00	3.4	0.3	1.4	0.4	2.7	63.0	5954
3	95	19	2.58	12.90	3.4	0.3	1.6	0.4	2.9	67.5	7103
3	120	37	2.03	14.20	3.4	0.3	1.6	0.4	3.0	70.5	8047
3	150	37	2.25	15.75	3.4	0.3	1.6	0.4	3.1	74.5	9185
3	185	37	2.58	18.06	3.4	0.3	1.6	0.4	3.2	79.5	10628
3	240	61	2.25	20.25	3.4	0.3	1.8	0.4	3.4	85.0	12661
3	300	61	2.52	22.68	3.4	0.3	1.8	0.4	3.6	90.5	14836
Voltage Grade - 8.7/15kV											
3	35	7	2.58	7.50	4.5	0.3	1.4	0.4	2.7	60.5	4983
3	50	19	1.78	8.90	4.5	0.3	1.6	0.4	2.8	64.0	5767
3	70	19	2.20	11.00	4.5	0.3	1.6	0.4	2.9	69.0	6790
3	95	19	2.58	12.90	4.5	0.3	1.6	0.4	3.0	73.0	7901
3	120	37	2.03	14.20	4.5	0.3	1.6	0.4	3.2	76.5	8906
3	150	37	2.25	15.75	4.5	0.3	1.6	0.4	3.3	80.0	10080
3	185	37	2.58	18.06	4.5	0.3	1.8	0.4	3.4	85.5	11653
3	240	61	2.25	20.25	4.5	0.3	1.8	0.4	3.6	90.5	13669
3	300	61	2.52	22.68	4.5	0.4	1.8	0.4	3.8	97.5	16316

MV EPDM INSULATED POWER CABLES 3 CORE

RATED OPERATING VOLTAGE : 3.6/6.0, 6/10, 8.7/15 kV

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 354

1. CONDUCTOR MATERIAL : Stranded, annealed , plain or tinned copper class 2 as per IEC 60228

2. CONDUCTOR SCREEN : Extruded semiconducting compound

3. INSULATION MATERIAL : EPDM as per IEC 60502-2

4. CORE SCREEN : Extruded semiconducting compound

5. METALLIC SCREEN : Plain Copper Tape

LAY UP : Cores laid up with PP fillers

6. INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359

7. ARMOUR/ BRAIDING MATERIAL : Annealed Copper Wire tinned or untinned, Option GI wire, SS wire or Bronze wire

8. OUTER SHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359



EPDM INSULATED, CU TAPE SCREENED, BRAIDED ARMOUR HALOGEN FREE FR SHEATHED CABLE

STANDARED SPECIFICATION : IEC 60092 - 350, 354. VOLTAGE GRADE : 3.6 / 6 (7.2) kV

DIMENSIONS & WEIGHT

CORES	Cross Sectional Area	Conductor No. of Strands	Conductor Nom Dia of each strands	Conductor Nom Dia	Insulation Nom. Thickness	Copper tape screen thickness	Inner Cover Approx. Thickness	ARMOUR (ATC) Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	mm	mm	kg/km
EPDM CU Tape screened , Braided armour											
Voltage Grade - 3.6/6kV											
3	25	7	2.20	6.50	2.5	0.075	1.2	0.4	2.1	47.0	3134
3	35	7	2.58	7.50	2.5	0.075	1.2	0.4	2.2	48.0	3443
3	50	19	1.78	8.90	2.5	0.075	1.2	0.4	2.3	51.5	4088
3	70	19	2.20	11.00	2.5	0.075	1.4	0.4	2.4	56.5	5043
3	95	19	2.58	12.90	2.5	0.075	1.4	0.4	2.6	61.0	6076
3	120	37	2.03	14.20	2.5	0.075	1.4	0.4	2.7	64.0	6978
3	150	37	2.25	15.75	2.5	0.075	1.6	0.4	2.8	68.0	8131
3	185	37	2.58	18.06	2.5	0.075	1.6	0.4	2.9	73.5	9506
3	240	61	2.25	20.25	2.6	0.075	1.6	0.4	3.1	78.5	11404
3	300	61	2.52	22.68	2.8	0.075	1.8	0.4	3.4	85.0	13695

CORES	Cross Sectional Area	Conductor No. of Strands	Conductor Nom Dia of each strands	Conductor Nom Dia	Insulation Nom. Thickness	Copper tape screen thickness	Inner Cover Approx. Thickness	ARMOUR (ATC) Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour
no.	Sq mm	No.	mm	mm	mm	mm	mm	mm	mm	mm	kg/km
EPDM CU Tape screened , Braided armour											
Voltage Grade - 6/10KV											
3	25	7	2.20	6.50	3.4	0.075	1.2	0.4	2.2	49.5	3350
3	35	7	2.58	7.50	3.4	0.075	1.4	0.4	2.3	52.0	3830
3	50	19	1.78	8.90	3.4	0.075	1.4	0.4	2.4	55.0	4490
3	70	19	2.20	11.00	3.4	0.075	1.4	0.4	2.6	60.0	5448
3	95	19	2.58	12.90	3.4	0.075	1.4	0.4	2.7	64.5	6480
3	120	37	2.03	14.20	3.4	0.075	1.6	0.4	2.8	67.5	7464
3	150	37	2.25	15.75	3.4	0.075	1.6	0.4	3.0	71.5	8609
3	185	37	2.58	18.06	3.4	0.075	1.6	0.4	3.1	76.5	10016
3	240	61	2.25	20.25	3.4	0.075	1.6	0.4	3.3	82.0	11947
3	300	61	2.52	22.68	3.4	0.075	1.8	0.4	3.5	88.0	14165
Voltage Grade - 8.7/15KV											
3	35	7	2.58	7.50	4.5	0.075	1.4	0.4	2.5	57.5	4491
3	50	19	1.78	8.90	4.5	0.075	1.4	0.4	2.7	61.0	5218
3	70	19	2.20	11.00	4.5	0.075	1.6	0.4	2.8	66.0	6266
3	95	19	2.58	12.90	4.5	0.075	1.6	0.4	2.9	70.5	7348
3	120	37	2.03	14.20	4.5	0.075	1.6	0.4	3.0	73.5	8303
3	150	37	2.25	15.75	4.5	0.075	1.6	0.4	3.2	77.0	9490
3	185	37	2.58	18.06	4.5	0.075	1.6	0.4	3.3	82.5	10955
3	240	61	2.25	20.25	4.5	0.075	1.8	0.4	3.5	88.0	13023
3	300	61	2.52	22.68	4.5	0.075	1.8	0.4	3.6	93.0	15174

INSTRUMENTATION CABLES INDIVIDUAL SHEILDED

RATED OPERATING VOLTAGE : 150/250 V (300 V)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 376

INDIVIDUAL PAIR OR TRIAD SCREENED :

1. CONDUCTOR MATERIAL : Stranded, annealed, tinned or untinned copper class 2 as per IEC 6022ª

2. INSULATION MATERIAL : XLPE Insulation

3. **SHEILDING OF INDIVIDUAL UNIT** : Cores twisted to form a pair or triad and shielded with lapped Mylar backed Aluminium tape, Each unit provided with a stranded, tinned copper drain wire

4. INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional- other polymeric compounds

5. ARMOUR / BRAIDING MATERIAL : Annealed Tinned Copper Wire, Optional GI wire, SS wire or Bronze wire

6. OUTERSHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional- other polymeric compounds



0.5 SQ MM XLPE INSULATED, INDIVIDUAL ALMYLER & OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable with ATC Braided Armoured	Approx. Net Weight of cable with G. I. Braided Armoured
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	0.5	7	0.30	0.4	1.0	0.2	1.0	10.0	139	134
2 P	0.5	7	0.30	0.4	1.0	0.2	1.1	13.0	210	203
3 P	0.5	7	0.30	0.4	1.0	0.2	1.1	13.5	239	231
4 P	0.5	7	0.30	0.4	1.0	0.2	1.1	14.5	274	266
5 P	0.5	7	0.30	0.4	1.0	0.2	1.2	16.0	323	314
6 P	0.5	7	0.30	0.4	1.0	0.2	1.2	16.5	350	341
7 P	0.5	7	0.30	0.4	1.0	0.2	1.2	16.5	371	362
8 P	0.5	7	0.30	0.4	1.0	0.3	1.3	18.5	472	456
9 P	0.5	7	0.30	0.4	1.0	0.3	1.3	19.5	509	492
10 P	0.5	7	0.30	0.4	1.0	0.3	1.3	20.5	551	534
11 P	0.5	7	0.30	0.4	1.0	0.3	1.3	20.5	576	558
12 P	0.5	7	0.30	0.4	1.0	0.3	1.4	21.0	614	596
13 P	0.5	7	0.30	0.4	1.0	0.3	1.4	21.5	639	621
14 P	0.5	7	0.30	0.4	1.0	0.3	1.4	22.0	672	653
15 P	0.5	7	0.30	0.4	1.0	0.3	1.4	22.5	701	681
16 P	0.5	7	0.30	0.4	1.0	0.3	1.4	23.5	740	719
17 P	0.5	7	0.30	0.4	1.0	0.3	1.5	23.5	775	755
18 P	0.5	7	0.30	0.4	1.0	0.3	1.5	24.0	800	779

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable with ATC Braided Armoured	Approx. Net Weight of cable with G. I. Braided Armoured
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
19 P	0.5	7	0.30	0.4	1.0	0.3	1.5	24.5	829	808
20 P	0.5	7	0.30	0.4	1.0	0.3	1.5	25.0	864	842
21 P	0.5	7	0.30	0.4	1.0	0.3	1.5	25.5	893	871
22 P	0.5	7	0.30	0.4	1.0	0.3	1.5	26.0	922	900
23 P	0.5	7	0.30	0.4	1.0	0.3	1.5	26.0	951	928
24 P	0.5	7	0.30	0.4	1.0	0.3	1.6	27.0	994	971
25 P	0.5	7	0.30	0.4	1.0	0.3	1.6	27.5	1024	1000
26 P	0.5	7	0.30	0.4	1.0	0.3	1.6	27.5	1051	1026
27 P	0.5	7	0.30	0.4	1.0	0.3	1.6	28.0	1080	1055
28 P	0.5	7	0.30	0.4	1.0	0.3	1.6	28.5	1109	1084
29 P	0.5	7	0.30	0.4	1.0	0.3	1.6	29.0	1138	1113
30 P	0.5	7	0.30	0.4	1.0	0.3	1.6	29.0	1167	1141
31 P	0.5	7	0.30	0.4	1.0	0.3	1.7	29.5	1208	1182
32 P	0.5	7	0.30	0.4	1.0	0.3	1.7	30.0	1237	1211
33 P	0.5	7	0.30	0.4	1.0	0.3	1.7	30.5	1264	1237
34 P	0.5	7	0.30	0.4	1.0	0.3	1.7	31.0	1294	1266
35 P	0.5	7	0.30	0.4	1.0	0.3	1.7	31.0	1321	1293
36 P	0.5	7	0.30	0.4	1.0	0.3	1.7	31.5	1348	1320
37 P	0.5	7	0.30	0.4	1.0	0.3	1.7	32.0	1377	1349
38 P	0.5	7	0.30	0.4	1.0	0.3	1.7	32.0	1404	1376
39 P	0.5	7	0.30	0.4	1.0	0.3	1.7	32.5	1432	1403
40 P	0.5	7	0.30	0.4	1.0	0.3	1.7	32.5	1459	1430
41 P	0.5	7	0.30	0.4	1.0	0.3	1.8	33.5	1503	1474
42 P	0.5	7	0.30	0.4	1.0	0.3	1.8	33.5	1531	1501
43 P	0.5	7	0.30	0.4	1.0	0.3	1.8	34.0	1558	1528
44 P	0.5	7	0.30	0.4	1.0	0.3	1.8	34.0	1585	1555
45 P	0.5	7	0.30	0.4	1.0	0.3	1.8	34.5	1612	1582
46 P	0.5	7	0.30	0.4	1.0	0.3	1.8	35.0	1640	1609
47 P	0.5	7	0.30	0.4	1.0	0.3	1.8	35.0	1667	1635
48 P	0.5	7	0.30	0.4	1.0	0.3	1.8	35.5	1692	1660
50 P	0.5	7	0.30	0.4	1.0	0.3	1.8	36.0	1747	1714

0.5 SQ MM XLPE INSULATED, INDIVIDUAL ALMYLER & OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable with ATC Braided Armoured	Approx. Net Weight of cable with G. I. Braided Armoured
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
2 T	0.5	7	0.30	0.4	1.0	0.2	1.1	14.0	236	228
3 T	0.5	7	0.30	0.4	1.0	0.2	1.2	15.0	279	271
4 T	0.5	7	0.30	0.4	1.0	0.2	1.2	16.0	325	316
5 T	0.5	7	0.30	0.4	1.0	0.2	1.2	17.0	370	361
6 T	0.5	7	0.30	0.4	1.0	0.3	1.3	19.0	480	464
7 T	0.5	7	0.30	0.4	1.0	0.3	1.3	19.0	507	491
8 T	0.5	7	0.30	0.4	1.0	0.3	1.3	21.0	570	552
9 T	0.5	7	0.30	0.4	1.0	0.3	1.4	22.5	635	616
10 T	0.5	7	0.30	0.4	1.0	0.3	1.4	21.0	637	619
11 T	0.5	7	0.30	0.4	1.0	0.3	1.4	22.0	681	662
12 T	0.5	7	0.30	0.4	1.0	0.3	1.4	22.0	708	689
13 T	0.5	7	0.30	0.4	1.0	0.3	1.5	25.0	806	784
14 T	0.5	7	0.30	0.4	1.0	0.3	1.5	25.0	833	811
15 T	0.5	7	0.30	0.4	1.0	0.3	1.5	26.5	885	862
16 T	0.5	7	0.30	0.4	1.0	0.3	1.5	26.5	912	889
17 T	0.5	7	0.30	0.4	1.0	0.3	1.6	27.5	977	953
18 T	0.5	7	0.30	0.4	1.0	0.3	1.6	27.5	1004	980
19 T	0.5	7	0.30	0.4	1.0	0.3	1.6	27.5	1,031	1,007
20 T	0.5	7	0.30	0.4	1.0	0.3	1.6	29.0	1,088	1,063
21 T	0.5	7	0.30	0.4	1.0	0.3	1.6	29.0	1,115	1,090
22 T	0.5	7	0.30	0.4	1.0	0.3	1.6	30.5	1,173	1,146
23 T	0.5	7	0.30	0.4	1.0	0.3	1.6	30.5	1,200	1,173
24 T	0.5	7	0.30	0.4	1.0	0.3	1.7	32.0	1,269	1,241
25 T	0.5	7	0.30	0.4	1.0	0.3	1.7	32.0	1,296	1,268
26 T	0.5	7	0.30	0.4	1.0	0.3	1.7	32.0	1,323	1,295
27 T	0.5	7	0.30	0.4	1.0	0.3	1.7	32.5	1,363	1,334
28 T	0.5	7	0.30	0.4	1.0	0.3	1.7	33.5	1,414	1,384
29 T	0.5	7	0.30	0.4	1.0	0.3	1.7	33.5	1,442	1,411
30 T	0.5	7	0.30	0.4	1.0	0.3	1.7	33.5	1,468	1,438
31 T	0.5	7	0.30	0.4	1.0	0.3	1.8	35.0	1,538	1,506
32 T	0.5	7	0.30	0.4	1.0	0.3	1.8	35.0	1,565	1,533
33 T	0.5	7	0.30	0.4	1.0	0.3	1.8	35.0	1,592	1,560
34 T	0.5	7	0.30	0.4	1.0	0.3	1.8	36.5	1,646	1,613
35 T	0.5	7	0.30	0.4	1.0	0.3	1.8	36.5	1,673	1,640
36 T	0.5	7	0.30	0.4	1.0	0.3	1.8	36.5	1,700	1,667
37 T	0.5	7	0.30	0.4	1.0	0.3	1.8	36.5	1,727	1,694
38 T	0.5	7	0.30	0.4	1.0	0.3	1.9	38.0	1,802	1,768
39 T	0.5	7	0.30	0.4	1.0	0.3	1.9	38.0	1,829	1,795
40 T	0.5	7	0.30	0.4	1.0	0.3	1.9	38.0	1,856	1,822
41 T	0.5	7	0.30	0.4	1.2	0.3	1.9	39.5	1,954	1,918
42 T	0.5	7	0.30	0.4	1.2	0.3	1.9	39.5	1,981	1,945

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conduct or Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable with ATC Braided Armoured	Approx. Net Weight of cable with G. I. Braided Armoured
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
43 T	0.5	7	0.30	0.4	1.2	0.3	1.9	39.5	2,008	1,972
44 T	0.5	7	0.30	0.4	1.2	0.3	1.9	41.0	2,066	2,029
45 T	0.5	7	0.30	0.4	1.2	0.3	1.9	41.0	2,093	2,056
46 T	0.5	7	0.30	0.4	1.2	0.3	1.9	41.0	2,120	2,083
47 T	0.5	7	0.30	0.4	1.2	0.3	1.9	41.0	2,147	2,109
48 T	0.5	7	0.30	0.4	1.2	0.3	2.0	42.0	2,207	2,169
50 T	0.5	7	0.30	0.4	1.2	0.3	2.0	42.5	2,280	2,242

0.75 SQ MM XLPE INSULATED, INDIVIDUAL ALMYLER & OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conduct or Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable with ATC Braided Armoured	Approx. Net Weight of cable with G. I. Braided Armoured
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	0.75	7	0.37	0.5	1.0	0.2	1.0	11.0	159	153
2 P	0.75	7	0.37	0.5	1.0	0.2	1.1	14.5	247	239
3 P	0.75	7	0.37	0.5	1.0	0.2	1.2	15.5	291	282
4 P	0.75	7	0.37	0.5	1.0	0.2	1.2	16.5	337	328
5 P	0.75	7	0.37	0.5	1.0	0.3	1.3	18.5	449	433
6 P	0.75	7	0.37	0.5	1.0	0.3	1.3	19.0	486	470
7 P	0.75	7	0.37	0.5	1.0	0.3	1.3	19.0	514	497
8 P	0.75	7	0.37	0.5	1.0	0.3	1.4	21.0	581	563
9 P	0.75	7	0.37	0.5	1.0	0.3	1.4	22.0	629	610
10 P	0.75	7	0.37	0.5	1.0	0.3	1.4	23.0	683	663
11 P	0.75	7	0.37	0.5	1.0	0.3	1.4	23.5	715	694
12 P	0.75	7	0.37	0.5	1.0	0.3	1.5	24.0	763	742
13 P	0.75	7	0.37	0.5	1.0	0.3	1.5	24.5	797	776
14 P	0.75	7	0.37	0.5	1.0	0.3	1.5	25.0	839	817
15 P	0.75	7	0.37	0.5	1.0	0.3	1.5	25.5	877	855
16 P	0.75	7	0.37	0.5	1.0	0.3	1.5	26.5	926	902
17 P	0.75	7	0.37	0.5	1.0	0.3	1.6	27.0	972	948
18 P	0.75	7	0.37	0.5	1.0	0.3	1.6	27.5	1003	980
19 P	0.75	7	0.37	0.5	1.0	0.3	1.6	28.0	1042	1017
20 P	0.75	7	0.37	0.5	1.0	0.3	1.6	28.5	1086	1061
21 P	0.75	7	0.37	0.5	1.0	0.3	1.6	29.0	1124	1099
22 P	0.75	7	0.37	0.5	1.0	0.3	1.7	30.0	1176	1150
23 P	0.75	7	0.37	0.5	1.0	0.3	1.7	30.5	1215	1188
24 P	0.75	7	0.37	0.5	1.0	0.3	1.7	31.0	1253	1226
25 P	0.75	7	0.37	0.5	1.0	0.3	1.7	31.5	1291	1264

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conduct or Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable with ATC Braided Armoured	Approx. Net Weight of cable with G. I. Braided Armoured
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
26 P	0.75	7	0.37	0.5	1.0	0.3	1.7	31.5	1328	1300
27 P	0.75	7	0.37	0.5	1.0	0.3	1.7	32.0	1366	1338
28 P	0.75	7	0.37	0.5	1.0	0.3	1.8	33.0	1417	1388
29 P	0.75	7	0.37	0.5	1.0	0.3	1.8	33.5	1456	1426
30 P	0.75	7	0.37	0.5	1.0	0.3	1.8	33.5	1492	1462
31 P	0.75	7	0.37	0.5	1.0	0.3	1.8	34.0	1531	1500
32 P	0.75	7	0.37	0.5	1.0	0.3	1.8	34.5	1567	1537
33 P	0.75	7	0.37	0.5	1.0	0.3	1.8	35.0	1604	1573
34 P	0.75	7	0.37	0.5	1.0	0.3	1.9	35.5	1656	1625
35 P	0.75	7	0.37	0.5	1.0	0.3	1.9	36.0	1693	1661
36 P	0.75	7	0.37	0.5	1.0	0.3	1.9	36.5	1730	1697
37 P	0.75	7	0.37	0.5	1.0	0.3	1.9	37.0	1766	1733
38 P	0.75	7	0.37	0.5	1.2	0.3	1.9	37.5	1839	1805
39 P	0.75	7	0.37	0.5	1.2	0.3	1.9	38.0	1876	1842
40 P	0.75	7	0.37	0.5	1.2	0.3	1.9	38.5	1913	1879
41 P	0.75	7	0.37	0.5	1.2	0.3	2.0	39.0	1965	1930
42 P	0.75	7	0.37	0.5	1.2	0.3	2.0	39.5	2002	1967
43 P	0.75	7	0.37	0.5	1.2	0.3	2.0	39.5	2040	2004
44 P	0.75	7	0.37	0.5	1.2	0.3	2.0	40.0	2074	2038
45 P	0.75	7	0.37	0.5	1.2	0.3	2.0	40.5	2111	2075
46 P	0.75	7	0.37	0.5	1.2	0.3	2.0	40.5	2146	2110
47 P	0.75	7	0.37	0.5	1.2	0.3	2.0	41.0	2183	2146
48 P	0.75	7	0.37	0.5	1.2	0.3	2.0	41.5	2218	2181
50 P	0.75	7	0.37	0.5	1.2	0.3	2.1	42.5	2309	2271

0.75 SQ MM XLPE INSULATED, INDIVIDUAL ALMYLER & OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conduct or Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable with ATC Braided Armoured	Approx. Net Weight of cable with G. I. Braided Armoured
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	0.75	7	0.37	0.5	1.0	0.2	1.0	11.5	174	168
2 T	0.75	7	0.37	0.5	1.0	0.2	1.2	16.0	289	281
3 T	0.75	7	0.37	0.5	1.0	0.2	1.2	16.5	340	330
4 T	0.75	7	0.37	0.5	1.0	0.3	1.3	18.5	458	442
5 T	0.75	7	0.37	0.5	1.0	0.3	1.3	20.0	523	506
6 T	0.75	7	0.37	0.5	1.0	0.3	1.4	21.5	598	579
7 T	0.75	7	0.37	0.5	1.0	0.3	1.4	21.5	635	616
8 T	0.75	7	0.37	0.5	1.0	0.3	1.4	24.0	717	696
9 T	0.75	7	0.37	0.5	1.0	0.3	1.5	26.0	803	781
10 T	0.75	7	0.37	0.5	1.0	0.3	1.5	24.5	808	787
11 T	0.75	7	0.37	0.5	1.0	0.3	1.5	25.5	867	845
12 T	0.75	7	0.37	0.5	1.0	0.3	1.5	25.5	903	881

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable with ATC Braided Armoured	Approx. Net Weight of cable with G. I. Braided Armoured
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
13 T	0.75	7	0.37	0.5	1.0	0.3	1.6	29.0	1028	1002
14 T	0.75	7	0.37	0.5	1.0	0.3	1.6	29.0	1065	1039
15 T	0.75	7	0.37	0.5	1.0	0.3	1.6	30.5	1132	1105
16 T	0.75	7	0.37	0.5	1.0	0.3	1.6	30.5	1169	1142
17 T	0.75	7	0.37	0.5	1.0	0.3	1.7	32.0	1250	1222
18 T	0.75	7	0.37	0.5	1.0	0.3	1.7	32.0	1287	1259
19 T	0.75	7	0.37	0.5	1.0	0.3	1.7	32.0	1,324	1,296
20 T	0.75	7	0.37	0.5	1.0	0.3	1.7	33.5	1,399	1,369
21 T	0.75	7	0.37	0.5	1.0	0.3	1.7	33.5	1,436	1,406
22 T	0.75	7	0.37	0.5	1.0	0.3	1.8	35.5	1,524	1,493
23 T	0.75	7	0.37	0.5	1.0	0.3	1.8	35.5	1,561	1,530
24 T	0.75	7	0.37	0.5	1.0	0.3	1.8	37.0	1,636	1,603
25 T	0.75	7	0.37	0.5	1.0	0.3	1.8	37.0	1,673	1,640
26 T	0.75	7	0.37	0.5	1.0	0.3	1.8	37.0	1,710	1,677
27 T	0.75	7	0.37	0.5	1.0	0.3	1.9	38.0	1,781	1,746
28 T	0.75	7	0.37	0.5	1.2	0.3	1.9	40.0	1,886	1,850
29 T	0.75	7	0.37	0.5	1.2	0.3	1.9	40.0	1,923	1,887
30 T	0.75	7	0.37	0.5	1.2	0.3	1.9	40.0	1,960	1,924
31 T	0.75	7	0.37	0.5	1.2	0.3	2.0	41.5	2,049	2,012
32 T	0.75	7	0.37	0.5	1.2	0.3	2.0	41.5	2,086	2,049
33 T	0.75	7	0.37	0.5	1.2	0.3	2.0	41.5	2,123	2,086
34 T	0.75	7	0.37	0.5	1.2	0.3	2.0	43.0	2,196	2,158
35 T	0.75	7	0.37	0.5	1.2	0.3	2.0	43.0	2,234	2,195
36 T	0.75	7	0.37	0.5	1.2	0.3	2.0	43.0	2,271	2,232
37 T	0.75	7	0.37	0.5	1.2	0.3	2.0	43.0	2,307	2,268
38 T	0.75	7	0.37	0.5	1.2	0.3	2.0	44.5	2,383	2,343
39 T	0.75	7	0.37	0.5	1.2	0.3	2.0	44.5	2,420	2,380
40 T	0.75	7	0.37	0.5	1.2	0.3	2.0	44.5	2,457	2,417
41 T	0.75	7	0.37	0.5	1.2	0.4	2.1	47.0	2,688	2,631
42 T	0.75	7	0.37	0.5	1.2	0.4	2.1	47.0	2,725	2,668
43 T	0.75	7	0.37	0.5	1.2	0.4	2.1	47.0	2,762	2,705
44 T	0.75	7	0.37	0.5	1.2	0.4	2.2	48.5	2,866	2,807
45 T	0.75	7	0.37	0.5	1.2	0.4	2.2	48.5	2,903	2,844
46 T	0.75	7	0.37	0.5	1.2	0.4	2.2	48.5	2,940	2,881
47 T	0.75	7	0.37	0.5	1.2	0.4	2.2	48.5	2,977	2,918
48 T	0.75	7	0.37	0.5	1.2	0.4	2.2	49.5	3,033	2,973
50 T	0.75	7	0.37	0.5	1.2	0.4	2.2	50.5	3,135	3,074

1.0 SQ MM XLPE INSULATED, INDIVIDUAL ALMYLER & OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable with ATC Braided Armoured	Approx. Net Weight of cable with G. I. Braided Armoured
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	1.0	7	0.43	0.5	1.0	0.2	1.0	11.5	170	164
2 P	1.0	7	0.43	0.5	1.0	0.2	1.2	15.5	276	267
3 P	1.0	7	0.43	0.5	1.0	0.2	1.2	16.0	321	312
4 P	1.0	7	0.43	0.5	1.0	0.2	1.2	17.5	372	362
5 P	1.0	7	0.43	0.5	1.0	0.3	1.3	19.5	496	479
6 P	1.0	7	0.43	0.5	1.0	0.3	1.3	20.0	539	522
7 P	1.0	7	0.43	0.5	1.0	0.3	1.3	20.0	572	555
8 P	1.0	7	0.43	0.5	1.0	0.3	1.4	22.0	647	628
9 P	1.0	7	0.43	0.5	1.0	0.3	1.5	23.5	713	693
10 P	1.0	7	0.43	0.5	1.0	0.3	1.5	24.5	776	754
11 P	1.0	7	0.43	0.5	1.0	0.3	1.5	25.0	813	791
12 P	1.0	7	0.43	0.5	1.0	0.3	1.5	25.5	858	836
13 P	1.0	7	0.43	0.5	1.0	0.3	1.6	26.0	907	885
14 P	1.0	7	0.43	0.5	1.0	0.3	1.6	26.5	957	934
15 P	1.0	7	0.43	0.5	1.0	0.3	1.6	27.5	1003	979
16 P	1.0	7	0.43	0.5	1.0	0.3	1.6	28.5	1060	1035
17 P	1.0	7	0.43	0.5	1.0	0.3	1.6	28.5	1097	1072
18 P	1.0	7	0.43	0.5	1.0	0.3	1.6	29.0	1136	1111
19 P	1.0	7	0.43	0.5	1.0	0.3	1.6	29.5	1180	1154
20 P	1.0	7	0.43	0.5	1.0	0.3	1.7	30.5	1246	1219
21 P	1.0	7	0.43	0.5	1.0	0.3	1.7	31.0	1290	1262
22 P	1.0	7	0.43	0.5	1.0	0.3	1.7	31.5	1336	1308
23 P	1.0	7	0.43	0.5	1.0	0.3	1.7	32.0	1380	1351
24 P	1.0	7	0.43	0.5	1.0	0.3	1.8	33.0	1439	1410
25 P	1.0	7	0.43	0.5	1.0	0.3	1.8	33.5	1485	1455
26 P	1.0	7	0.43	0.5	1.0	0.3	1.8	34.0	1529	1499
27 P	1.0	7	0.43	0.5	1.0	0.3	1.8	34.5	1571	1540
28 P	1.0	7	0.43	0.5	1.0	0.3	1.9	35.0	1631	1600
29 P	1.0	7	0.43	0.5	1.0	0.3	1.9	35.5	1675	1644
30 P	1.0	7	0.43	0.5	1.0	0.3	1.9	36.0	1720	1688
31 P	1.0	7	0.43	0.5	1.0	0.3	1.9	36.5	1764	1731
32 P	1.0	7	0.43	0.5	1.0	0.3	1.9	37.0	1806	1773
33 P	1.0	7	0.43	0.5	1.0	0.3	1.9	37.5	1850	1817
34 P	1.0	7	0.43	0.5	1.2	0.3	1.9	38.0	1929	1895
35 P	1.0	7	0.43	0.5	1.2	0.3	1.9	38.5	1972	1937
36 P	1.0	7	0.43	0.5	1.2	0.3	1.9	39.0	2017	1981
37 P	1.0	7	0.43	0.5	1.2	0.3	1.9	39.5	2059	2023
38 P	1.0	7	0.43	0.5	1.2	0.3	2.0	40.0	2120	2084
39 P	1.0	7	0.43	0.5	1.2	0.3	2.0	40.5	2162	2126
40 P	1.0	7	0.43	0.5	1.2	0.3	2.0	41.0	2207	2170
41 P	1.0	7	0.43	0.5	1.2	0.3	2.0	41.5	2250	2212
42 P	1.0	7	0.43	0.5	1.2	0.3	2.0	41.5	2290	2252
43 P	1.0	7	0.43	0.5	1.2	0.3	2.0	42.0	2333	2295

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable with ATC Braided Armoured	Approx. Net Weight of cable with G. I. Braided Armoured
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
44 P	1.0	7	0.43	0.5	1.2	0.4	2.1	43.0	2515	2463
45 P	1.0	7	0.43	0.5	1.2	0.4	2.1	43.5	2559	2507
46 P	1.0	7	0.43	0.5	1.2	0.4	2.1	44.0	2603	2550
47 P	1.0	7	0.43	0.5	1.2	0.4	2.1	44.5	2647	2594
48 P	1.0	7	0.43	0.5	1.2	0.4	2.1	44.5	2688	2634
50 P	1.0	7	0.43	0.5	1.2	0.4	2.2	45.5	2797	2742

1.0 SQ MM XLPE INSULATED, INDIVIDUAL ALMYLER & OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable with ATC Braided Armoured	Approx. Net Weight of cable with G. I. Braided Armoured
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	1.0	7	0.43	0.5	1.0	0.2	1.1	12.0	194	188
2 T	1.0	7	0.43	0.5	1.0	0.2	1.2	16.5	319	309
3 T	1.0	7	0.43	0.5	1.0	0.2	1.2	17.5	379	369
4 T	1.0	7	0.43	0.5	1.0	0.3	1.3	19.5	510	493
5 T	1.0	7	0.43	0.5	1.0	0.3	1.3	21.0	585	567
6 T	1.0	7	0.43	0.5	1.0	0.3	1.4	23.0	673	653
7 T	1.0	7	0.43	0.5	1.0	0.3	1.4	23.0	718	698
8 T	1.0	7	0.43	0.5	1.0	0.3	1.5	25.5	824	802
9 T	1.0	7	0.43	0.5	1.0	0.3	1.5	27.5	907	883
10 T	1.0	7	0.43	0.5	1.0	0.3	1.6	26.0	930	908
11 T	1.0	7	0.43	0.5	1.0	0.3	1.6	27.0	999	975
12 T	1.0	7	0.43	0.5	1.0	0.3	1.6	27.0	1044	1020
13 T	1.0	7	0.43	0.5	1.0	0.3	1.6	31.0	1171	1143
14 T	1.0	7	0.43	0.5	1.0	0.3	1.6	31.0	1216	1188
15 T	1.0	7	0.43	0.5	1.0	0.3	1.7	32.5	1308	1279
16 T	1.0	7	0.43	0.5	1.0	0.3	1.7	32.5	1353	1324
17 T	1.0	7	0.43	0.5	1.0	0.3	1.7	34.0	1433	1403
18 T	1.0	7	0.43	0.5	1.0	0.3	1.7	34.0	1478	1448
19 T	1.0	7	0.43	0.5	1.0	0.3	1.7	34.0	1,523	1,493
20 T	1.0	7	0.43	0.5	1.0	0.3	1.8	36.0	1,625	1,592
21 T	1.0	7	0.43	0.5	1.0	0.3	1.8	36.0	1,670	1,637
22 T	1.0	7	0.43	0.5	1.0	0.3	1.9	38.0	1,772	1,738
23 T	1.0	7	0.43	0.5	1.0	0.3	1.9	38.0	1,817	1,783
24 T	1.0	7	0.43	0.5	1.2	0.3	1.9	40.0	1,940	1,904
25 T	1.0	7	0.43	0.5	1.2	0.3	1.9	40.0	1,985	1,949
26 T	1.0	7	0.43	0.5	1.2	0.3	1.9	40.0	2,030	1,994
27 T	1.0	7	0.43	0.5	1.2	0.3	1.9	41.0	2,094	2,057
28 T	1.0	7	0.43	0.5	1.2	0.3	2.0	42.5	2,192	2,154
29 T	1.0	7	0.43	0.5	1.2	0.3	2.0	42.5	2,237	2,199
30 T	1.0	7	0.43	0.5	1.2	0.3	2.0	42.5	2,282	2,244

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable with ATC Braided Armoured	Approx. Net Weight of cable with G. I. Braided Armoured
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
31 T	1.0	7	0.43	0.5	1.2	0.3	2.0	44.0	2,364	2,324
32 T	1.0	7	0.43	0.5	1.2	0.3	2.0	44.0	2,409	2,369
33 T	1.0	7	0.43	0.5	1.2	0.3	2.0	44.0	2,454	2,414
34 T	1.0	7	0.43	0.5	1.2	0.4	2.1	46.5	2,689	2,632
35 T	1.0	7	0.43	0.5	1.2	0.4	2.1	46.5	2,734	2,677
36 T	1.0	7	0.43	0.5	1.2	0.4	2.1	46.5	2,779	2,722
37 T	1.0	7	0.43	0.5	1.2	0.4	2.1	46.5	2,824	2,768
38 T	1.0	7	0.43	0.5	1.2	0.4	2.2	48.5	2,941	2,882
39 T	1.0	7	0.43	0.5	1.2	0.4	2.2	48.5	2,986	2,927
40 T	1.0	7	0.43	0.5	1.2	0.4	2.2	48.5	3,031	2,972
41 T	1.0	7	0.43	0.5	1.2	0.4	2.2	50.0	3,126	3,065
42 T	1.0	7	0.43	0.5	1.2	0.4	2.2	50.0	3,171	3,110
43 T	1.0	7	0.43	0.5	1.2	0.4	2.2	50.0	3,217	3,155
44 T	1.0	7	0.43	0.5	1.2	0.4	2.3	52.0	3,336	3,272
45 T	1.0	7	0.43	0.5	1.2	0.4	2.3	52.0	3,381	3,318
46 T	1.0	7	0.43	0.5	1.2	0.4	2.3	52.0	3,426	3,363
47 T	1.0	7	0.43	0.5	1.2	0.4	2.3	52.0	3,471	3,408
48 T	1.0	7	0.43	0.5	1.2	0.4	2.3	53.0	3,539	3,474
50 T	1.0	7	0.43	0.5	1.4	0.4	2.3	54.5	3,710	3,644

1.5 SQ MM XLPE INSULATED, INDIVIDUAL ALMYLER & OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable with ATC Braided Armoured	Approx. Net Weight of cable with G. I. Braided Armoured
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	1.5	7	0.53	0.6	1.0	0.2	1.1	12.5	204	198
2 P	1.5	7	0.53	0.6	1.0	0.3	1.3	18.0	386	371
3 P	1.5	7	0.53	0.6	1.0	0.3	1.3	18.5	447	432
4 P	1.5	7	0.53	0.6	1.0	0.3	1.3	20.0	521	504
5 P	1.5	7	0.53	0.6	1.0	0.3	1.4	22.5	617	598
6 P	1.5	7	0.53	0.6	1.0	0.3	1.4	23.0	675	655
7 P	1.5	7	0.53	0.6	1.0	0.3	1.4	23.0	720	700
8 P	1.5	7	0.53	0.6	1.0	0.3	1.5	25.0	816	794
9 P	1.5	7	0.53	0.6	1.0	0.3	1.6	26.5	900	877
10 P	1.5	7	0.53	0.6	1.0	0.3	1.6	28.0	980	956
11 P	1.5	7	0.53	0.6	1.0	0.3	1.6	28.5	1032	1007
12 P	1.5	7	0.53	0.6	1.0	0.3	1.7	29.5	1106	1080
13 P	1.5	7	0.53	0.6	1.0	0.3	1.7	29.5	1158	1132
14 P	1.5	7	0.53	0.6	1.0	0.3	1.7	30.5	1223	1196
15 P	1.5	7	0.53	0.6	1.0	0.3	1.8	31.5	1298	1270

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable with ATC Braided Armoured	Approx. Net Weight of cable with G. I. Braided Armoured
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
16 P	1.5	7	0.53	0.6	1.0	0.3	1.8	32.5	1372	1343
17 P	1.5	7	0.53	0.6	1.0	0.3	1.8	33.0	1424	1395
18 P	1.5	7	0.53	0.6	1.0	0.3	1.8	33.5	1476	1447
19 P	1.5	7	0.53	0.6	1.0	0.3	1.8	34.0	1535	1505
20 P	1.5	7	0.53	0.6	1.0	0.3	1.9	35.0	1619	1588
21 P	1.5	7	0.53	0.6	1.0	0.3	1.9	36.0	1680	1648
22 P	1.5	7	0.53	0.6	1.2	0.3	1.9	37.0	1775	1742
23 P	1.5	7	0.53	0.6	1.2	0.3	1.9	37.5	1837	1803
24 P	1.5	7	0.53	0.6	1.2	0.3	2.0	38.5	1914	1880
25 P	1.5	7	0.53	0.6	1.2	0.3	2.0	39.0	1974	1939
26 P	1.5	7	0.53	0.6	1.2	0.3	2.0	39.5	2034	1998
27 P	1.5	7	0.53	0.6	1.2	0.3	2.0	40.0	2094	2058
28 P	1.5	7	0.53	0.6	1.2	0.4	2.1	41.5	2288	2238
29 P	1.5	7	0.53	0.6	1.2	0.4	2.1	42.0	2347	2297
30 P	1.5	7	0.53	0.6	1.2	0.4	2.1	42.5	2409	2358
31 P	1.5	7	0.53	0.6	1.2	0.4	2.2	43.5	2490	2439
32 P	1.5	7	0.53	0.6	1.2	0.4	2.2	44.0	2550	2497
33 P	1.5	7	0.53	0.6	1.2	0.4	2.2	44.5	2609	2556
34 P	1.5	7	0.53	0.6	1.2	0.4	2.2	45.0	2671	2617
35 P	1.5	7	0.53	0.6	1.2	0.4	2.2	45.5	2731	2676
36 P	1.5	7	0.53	0.6	1.2	0.4	2.2	46.0	2790	2735
37 P	1.5	7	0.53	0.6	1.2	0.4	2.2	46.5	2849	2793
38 P	1.5	7	0.53	0.6	1.2	0.4	2.3	47.0	2930	2874
39 P	1.5	7	0.53	0.6	1.2	0.4	2.3	47.5	2990	2932
40 P	1.5	7	0.53	0.6	1.2	0.4	2.3	48.0	3050	2992
41 P	1.5	7	0.53	0.6	1.4	0.4	2.3	49.0	3154	3094
42 P	1.5	7	0.53	0.6	1.4	0.4	2.3	49.5	3214	3154
43 P	1.5	7	0.53	0.6	1.4	0.4	2.3	50.0	3274	3213
44 P	1.5	7	0.53	0.6	1.4	0.4	2.4	50.5	3354	3293
45 P	1.5	7	0.53	0.6	1.4	0.4	2.4	51.0	3414	3352
46 P	1.5	7	0.53	0.6	1.4	0.4	2.4	51.5	3471	3409
47 P	1.5	7	0.53	0.6	1.4	0.4	2.4	52.0	3532	3469
48 P	1.5	7	0.53	0.6	1.4	0.4	2.4	52.5	3589	3526
50 P	1.5	7	0.53	0.6	1.4	0.4	2.5	53.5	3731	3666

1.5 SQ MM XLPE INSULATED, INDIVIDUAL ALMYLER & OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable with ATC Braided Armoured	Approx. Net Weight of cable with G. I. Braided Armoured
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	1.5	7	0.53	0.6	1.0	0.2	1.1	13.0	230	223
2 T	1.5	7	0.53	0.6	1.0	0.3	1.3	19.5	452	436
3 T	1.5	7	0.53	0.6	1.0	0.3	1.3	20.5	536	518

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable with ATC Braided Armoured	Approx. Net Weight of cable with G. I. Braided Armoured
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
4 T	1.5	7	0.53	0.6	1.0	0.3	1.4	22.5	644	624
5 T	1.5	7	0.53	0.6	1.0	0.3	1.5	24.0	753	732
6 T	1.5	7	0.53	0.6	1.0	0.3	1.5	26.0	856	833
7 T	1.5	7	0.53	0.6	1.0	0.3	1.5	26.0	920	897
8 T	1.5	7	0.53	0.6	1.0	0.3	1.6	29.0	1057	1032
9 T	1.5	7	0.53	0.6	1.0	0.3	1.7	31.5	1183	1155
10 T	1.5	7	0.53	0.6	1.0	0.3	1.7	29.5	1204	1178
11 T	1.5	7	0.53	0.6	1.0	0.3	1.7	31.0	1296	1268
12 T	1.5	7	0.53	0.6	1.0	0.3	1.8	31.0	1373	1346
13 T	1.5	7	0.53	0.6	1.0	0.3	1.8	35.5	1538	1506
14 T	1.5	7	0.53	0.6	1.0	0.3	1.8	35.5	1601	1569
15 T	1.5	7	0.53	0.6	1.0	0.3	1.9	37.5	1722	1688
16 T	1.5	7	0.53	0.6	1.0	0.3	1.9	37.5	1785	1752
17 T	1.5	7	0.53	0.6	1.2	0.3	1.9	40.0	1931	1895
18 T	1.5	7	0.53	0.6	1.2	0.3	1.9	40.0	1994	1958
19 T	1.5	7	0.53	0.6	1.2	0.3	1.9	40.0	2,058	2,021
20 T	1.5	7	0.53	0.6	1.2	0.3	2.0	42.5	2,190	2,152
21 T	1.5	7	0.53	0.6	1.2	0.3	2.0	42.5	2,254	2,215
22 T	1.5	7	0.53	0.6	1.2	0.4	2.1	45.0	2,517	2,462
23 T	1.5	7	0.53	0.6	1.2	0.4	2.1	45.0	2,581	2,526
24 T	1.5	7	0.53	0.6	1.2	0.4	2.2	47.5	2,724	2,666
25 T	1.5	7	0.53	0.6	1.2	0.4	2.2	47.5	2,787	2,729
26 T	1.5	7	0.53	0.6	1.2	0.4	2.2	47.5	2,850	2,793
27 T	1.5	7	0.53	0.6	1.2	0.4	2.2	48.5	2,939	2,880
28 T	1.5	7	0.53	0.6	1.2	0.4	2.3	50.5	3,073	3,012
29 T	1.5	7	0.53	0.6	1.2	0.4	2.3	50.5	3,136	3,075
30 T	1.5	7	0.53	0.6	1.2	0.4	2.3	50.5	3,200	3,139
31 T	1.5	7	0.53	0.6	1.4	0.4	2.3	52.5	3,365	3,301
32 T	1.5	7	0.53	0.6	1.4	0.4	2.3	52.5	3,428	3,364
33 T	1.5	7	0.53	0.6	1.4	0.4	2.3	52.5	3,492	3,428
34 T	1.5	7	0.53	0.6	1.4	0.4	2.4	54.5	3,636	3,570
35 T	1.5	7	0.53	0.6	1.4	0.4	2.4	54.5	3,699	3,633
36 T	1.5	7	0.53	0.6	1.4	0.4	2.4	54.5	3,763	3,696
37 T	1.5	7	0.53	0.6	1.4	0.4	2.4	54.5	3,826	3,759
38 T	1.5	7	0.53	0.6	1.4	0.4	2.5	57.0	3,978	3,909
39 T	1.5	7	0.53	0.6	1.4	0.4	2.5	57.0	4,042	3,972
40 T	1.5	7	0.53	0.6	1.4	0.4	2.5	57.0	4,105	4,035
41 T	1.5	7	0.53	0.6	1.4	0.4	2.5	59.0	4,235	4,163
42 T	1.5	7	0.53	0.6	1.4	0.4	2.5	59.0	4,298	4,226
43 T	1.5	7	0.53	0.6	1.4	0.4	2.5	59.0	4,362	4,289
44 T	1.5	7	0.53	0.6	1.4	0.4	2.6	61.5	4,517	4,442
45 T	1.5	7	0.53	0.6	1.4	0.4	2.6	61.5	4,580	4,505
46 T	1.5	7	0.53	0.6	1.4	0.4	2.6	61.5	4,644	4,568
47 T	1.5	7	0.53	0.6	1.4	0.4	2.6	61.5	4,707	4,632
48 T	1.5	7	0.53	0.6	1.4	0.4	2.6	62.5	4,798	4,722
50 T	1.5	7	0.53	0.6	1.4	0.4	2.7	64.0	4,994	4,916

2.5 SQ MM XLPE INSULATED, INDIVIDUAL ALMYLER & OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable with ATC Braided Armoured	Approx. Net Weight of cable with G. I. Braided Armoured
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	2.5	7	0.67	0.6	1.0	0.2	1.1	13.5	237	230
2 P	2.5	7	0.67	0.6	1.0	0.3	1.3	19.5	454	437
3 P	2.5	7	0.67	0.6	1.0	0.3	1.4	20.5	547	529
4 P	2.5	7	0.67	0.6	1.0	0.3	1.4	22.0	645	626
5 P	2.5	7	0.67	0.6	1.0	0.3	1.5	24.5	766	745
6 P	2.5	7	0.67	0.6	1.0	0.3	1.5	25.0	846	824
7 P	2.5	7	0.67	0.6	1.0	0.3	1.5	25.0	911	889
8 P	2.5	7	0.67	0.6	1.0	0.3	1.6	27.5	1035	1011
9 P	2.5	7	0.67	0.6	1.0	0.3	1.7	29.0	1144	1118
10 P	2.5	7	0.67	0.6	1.0	0.3	1.7	31.0	1248	1221
11 P	2.5	7	0.67	0.6	1.0	0.3	1.7	31.5	1322	1295
12 P	2.5	7	0.67	0.6	1.0	0.3	1.8	32.0	1417	1389
13 P	2.5	7	0.67	0.6	1.0	0.3	1.8	32.5	1489	1461
14 P	2.5	7	0.67	0.6	1.0	0.3	1.8	33.5	1579	1549
15 P	2.5	7	0.67	0.6	1.2	0.3	1.9	35.0	1710	1679
16 P	2.5	7	0.67	0.6	1.2	0.3	1.9	36.5	1811	1778
17 P	2.5	7	0.67	0.6	1.2	0.3	2.0	37.0	1899	1867
18 P	2.5	7	0.67	0.6	1.2	0.3	2.0	37.5	1974	1941
19 P	2.5	7	0.67	0.6	1.2	0.3	2.0	38.0	2057	2023
20 P	2.5	7	0.67	0.6	1.2	0.3	2.0	39.0	2148	2113
21 P	2.5	7	0.67	0.6	1.2	0.3	2.0	40.0	2233	2197
22 P	2.5	7	0.67	0.6	1.2	0.4	2.1	41.5	2449	2399
23 P	2.5	7	0.67	0.6	1.2	0.4	2.1	42.0	2533	2483
24 P	2.5	7	0.67	0.6	1.2	0.4	2.2	43.0	2637	2586
25 P	2.5	7	0.67	0.6	1.2	0.4	2.2	43.5	2722	2670
26 P	2.5	7	0.67	0.6	1.2	0.4	2.2	44.5	2807	2754
27 P	2.5	7	0.67	0.6	1.2	0.4	2.2	45.0	2889	2835
28 P	2.5	7	0.67	0.6	1.2	0.4	2.3	46.0	2995	2940
29 P	2.5	7	0.67	0.6	1.2	0.4	2.3	46.5	3077	3021
30 P	2.5	7	0.67	0.6	1.2	0.4	2.3	47.0	3162	3105
31 P	2.5	7	0.67	0.6	1.4	0.4	2.3	48.0	3291	3233
32 P	2.5	7	0.67	0.6	1.4	0.4	2.3	48.5	3374	3315
33 P	2.5	7	0.67	0.6	1.4	0.4	2.3	49.5	3457	3397
34 P	2.5	7	0.67	0.6	1.4	0.4	2.4	50.0	3562	3502
35 P	2.5	7	0.67	0.6	1.4	0.4	2.4	50.5	3645	3584
36 P	2.5	7	0.67	0.6	1.4	0.4	2.4	51.0	3725	3663
37 P	2.5	7	0.67	0.6	1.4	0.4	2.4	52.0	3808	3746
38 P	2.5	7	0.67	0.6	1.4	0.4	2.5	52.5	3916	3852
39 P	2.5	7	0.67	0.6	1.4	0.4	2.5	53.0	3996	3932
40 P	2.5	7	0.67	0.6	1.4	0.4	2.5	53.5	4079	4014
41 P	2.5	7	0.67	0.6	1.4	0.4	2.6	54.5	4185	4119
42 P	2.5	7	0.67	0.6	1.4	0.4	2.6	55.0	4265	4199

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable with ATC Braided Armoured	Approx. Net Weight of cable with G. I. Braided Armoured
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
43 P	2.5	7	0.67	0.6	1.4	0.4	2.6	55.5	4349	4282
44 P	2.5	7	0.67	0.6	1.4	0.4	2.6	56.0	4429	4361
45 P	2.5	7	0.67	0.6	1.4	0.4	2.6	56.5	4510	4441
46 P	2.5	7	0.67	0.6	1.4	0.4	2.6	57.0	4590	4521
47 P	2.5	7	0.67	0.6	1.4	0.4	2.6	57.5	4671	4601
48 P	2.5	7	0.67	0.6	1.4	0.4	2.7	58.0	4778	4707
50 P	2.5	7	0.67	0.6	1.4	0.4	2.7	59.0	4940	4868

2.5 SQ MM XLPE INSULATED, INDIVIDUAL ALMYLER & OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable with ATC Braided Armoured	Approx. Net Weight of cable with G. I. Braided Armoured
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	2.5	7	0.67	0.6	1.0	0.2	1.1	14.0	272	265
2 T	2.5	7	0.67	0.6	1.0	0.3	1.4	21.0	551	533
3 T	2.5	7	0.67	0.6	1.0	0.3	1.4	22.5	668	648
4 T	2.5	7	0.67	0.6	1.0	0.3	1.5	24.5	807	786
5 T	2.5	7	0.67	0.6	1.0	0.3	1.6	26.5	956	932
6 T	2.5	7	0.67	0.6	1.0	0.3	1.6	29.0	1092	1067
7 T	2.5	7	0.67	0.6	1.0	0.3	1.6	29.0	1184	1159
8 T	2.5	7	0.67	0.6	1.0	0.3	1.7	32.0	1360	1331
9 T	2.5	7	0.67	0.6	1.0	0.3	1.8	35.0	1522	1491
10 T	2.5	7	0.67	0.6	1.0	0.3	1.9	33.0	1582	1553
11 T	2.5	7	0.67	0.6	1.0	0.3	1.9	34.5	1706	1675
12 T	2.5	7	0.67	0.6	1.2	0.3	1.9	35.0	1831	1800
13 T	2.5	7	0.67	0.6	1.2	0.3	2.0	40.0	2063	2027
14 T	2.5	7	0.67	0.6	1.2	0.3	2.0	40.0	2154	2118
15 T	2.5	7	0.67	0.6	1.2	0.3	2.0	42.0	2297	2259
16 T	2.5	7	0.67	0.6	1.2	0.3	2.0	42.0	2389	2351
17 T	2.5	7	0.67	0.6	1.2	0.4	2.1	45.0	2678	2623
18 T	2.5	7	0.67	0.6	1.2	0.4	2.1	45.0	2770	2715
19 T	2.5	7	0.67	0.6	1.2	0.4	2.1	45.0	2,861	2,807
20 T	2.5	7	0.67	0.6	1.2	0.4	2.2	47.5	3,041	2,983
21 T	2.5	7	0.67	0.6	1.2	0.4	2.2	47.5	3,133	3,075
22 T	2.5	7	0.67	0.6	1.2	0.4	2.3	50.0	3,315	3,254
23 T	2.5	7	0.67	0.6	1.2	0.4	2.3	50.0	3,407	3,346
24 T	2.5	7	0.67	0.6	1.4	0.4	2.4	53.0	3,643	3,578
25 T	2.5	7	0.67	0.6	1.4	0.4	2.4	53.0	3,734	3,670
26 T	2.5	7	0.67	0.6	1.4	0.4	2.4	53.0	3,826	3,761
27 T	2.5	7	0.67	0.6	1.4	0.4	2.4	54.5	3,951	3,884
28 T	2.5	7	0.67	0.6	1.4	0.4	2.5	56.5	4,122	4,053

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable with ATC Braided Armoured	Approx. Net Weight of cable with G. I. Braided Armoured
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
29 T	2.5	7	0.67	0.6	1.4	0.4	2.5	56.5	4,214	4,145
30 T	2.5	7	0.67	0.6	1.4	0.4	2.5	56.5	4,305	4,237
31 T	2.5	7	0.67	0.6	1.4	0.4	2.6	58.5	4,488	4,416
32 T	2.5	7	0.67	0.6	1.4	0.4	2.6	58.5	4,579	4,508
33 T	2.5	7	0.67	0.6	1.4	0.4	2.6	58.5	4,671	4,600
34 T	2.5	7	0.67	0.6	1.4	0.4	2.6	61.0	4,831	4,756
35 T	2.5	7	0.67	0.6	1.4	0.4	2.6	61.0	4,923	4,848
36 T	2.5	7	0.67	0.6	1.4	0.4	2.6	61.0	5,014	4,940
37 T	2.5	7	0.67	0.6	1.4	0.4	2.6	61.0	5,106	5,031
38 T	2.5	7	0.67	0.6	1.4	0.4	2.7	63.5	5,298	5,220
39 T	2.5	7	0.67	0.6	1.4	0.4	2.7	63.5	5,389	5,312
40 T	2.5	7	0.67	0.6	1.4	0.4	2.7	63.5	5,481	5,403
41 T	2.5	7	0.67	0.6	1.6	0.4	2.8	66.5	5,745	5,663
42 T	2.5	7	0.67	0.6	1.6	0.4	2.8	66.5	5,837	5,755
43 T	2.5	7	0.67	0.6	1.6	0.4	2.8	66.5	5,928	5,847
44 T	2.5	7	0.67	0.6	1.6	0.4	2.9	69.0	6,127	6,042
45 T	2.5	7	0.67	0.6	1.6	0.4	2.9	69.0	6,218	6,134
46 T	2.5	7	0.67	0.6	1.6	0.4	2.9	69.0	6,310	6,226
47 T	2.5	7	0.67	0.6	1.6	0.4	2.9	69.0	6,402	6,317
48 T	2.5	7	0.67	0.6	1.6	0.4	2.9	70.0	6,530	6,444
50 T	2.5	7	0.67	0.6	1.6	0.4	3.0	71.5	6,793	6,705



INSTRUMENTATION CABLES OVERALL SHEILDED

RATED OPERATING VOLTAGE : 150/250 V (300 V)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 376

CABLE OVERALL SCREENED

1. CONDUCTOR MATERIAL : Stranded, annealed, tinned or untinned copper class 2 as per IEC 60228

2. INSULATION MATERIAL : XLPE Insulation

3. OVERALL SHEILDING : Overall shielded with lapped Mylar backed Aluminium tape provided with a stranded, tinned copper drain wire under the shielding tape

4. INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional- other polymeric compounds

5. ARMOUR/ BRAIDING MATERIAL : Annealed Tinned Copper Wire, Optional GI wire, SS wire or Bronze wire

6. OUTERSHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional- other polymeric compounds



0.5 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELDED ARMOURED CABLE
Standard Specification : IEC60092-350, 376. Voltage Grade : 150 / 250 V (300 V)
DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	0.5	7	0.30	0.4	1.0	0.2	1.0	10.5	143	138
2 P	0.5	7	0.30	0.4	1.0	0.2	1.1	13.5	211	203
3 P	0.5	7	0.30	0.4	1.0	0.2	1.1	14.0	230	222
4 P	0.5	7	0.30	0.4	1.0	0.2	1.1	15.0	258	250
5 P	0.5	7	0.30	0.4	1.0	0.2	1.2	16.0	297	288
6 P	0.5	7	0.30	0.4	1.0	0.2	1.2	16.5	316	307
7 P	0.5	7	0.30	0.4	1.0	0.2	1.2	16.5	328	319
8 P	0.5	7	0.30	0.4	1.0	0.2	1.2	17.5	360	351
9 P	0.5	7	0.30	0.4	1.0	0.3	1.3	19.0	448	432
10 P	0.5	7	0.30	0.4	1.0	0.3	1.3	20.0	481	464
11 P	0.5	7	0.30	0.4	1.0	0.3	1.3	20.0	496	479
12 P	0.5	7	0.30	0.4	1.0	0.3	1.3	20.5	517	499
13 P	0.5	7	0.30	0.4	1.0	0.3	1.4	21.0	543	525
14 P	0.5	7	0.30	0.4	1.0	0.3	1.4	21.5	568	550
15 P	0.5	7	0.30	0.4	1.0	0.3	1.4	22.0	589	570
16 P	0.5	7	0.30	0.4	1.0	0.3	1.4	22.5	617	597
17 P	0.5	7	0.30	0.4	1.0	0.3	1.4	23.0	633	614
18 P	0.5	7	0.30	0.4	1.0	0.3	1.4	23.0	650	630
19 P	0.5	7	0.30	0.4	1.0	0.3	1.4	23.5	671	651

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
20 P	0.5	7	0.30	0.4	1.0	0.3	1.5	24.5	707	686
21 P	0.5	7	0.30	0.4	1.0	0.3	1.5	24.5	726	705
22 P	0.5	7	0.30	0.4	1.0	0.3	1.5	25.0	748	726
23 P	0.5	7	0.30	0.4	1.0	0.3	1.5	25.5	769	747
24 P	0.5	7	0.30	0.4	1.0	0.3	1.5	26.0	790	768
25 P	0.5	7	0.30	0.4	1.0	0.3	1.5	26.0	811	788
26 P	0.5	7	0.30	0.4	1.0	0.3	1.5	26.5	830	807
27 P	0.5	7	0.30	0.4	1.0	0.3	1.5	27.0	851	828
28 P	0.5	7	0.30	0.4	1.0	0.3	1.6	27.5	883	859
29 P	0.5	7	0.30	0.4	1.0	0.3	1.6	27.5	902	878
30 P	0.5	7	0.30	0.4	1.0	0.3	1.6	28.0	923	899
31 P	0.5	7	0.30	0.4	1.0	0.3	1.6	28.5	943	918
32 P	0.5	7	0.30	0.4	1.0	0.3	1.6	28.5	962	936
33 P	0.5	7	0.30	0.4	1.0	0.3	1.6	29.0	981	955
34 P	0.5	7	0.30	0.4	1.0	0.3	1.6	29.5	1002	976
35 P	0.5	7	0.30	0.4	1.0	0.3	1.6	29.5	1021	995
36 P	0.5	7	0.30	0.4	1.0	0.3	1.6	30.0	1040	1014
37 P	0.5	7	0.30	0.4	1.0	0.3	1.6	30.5	1060	1033
38 P	0.5	7	0.30	0.4	1.0	0.3	1.7	30.5	1090	1063
39 P	0.5	7	0.30	0.4	1.0	0.3	1.7	31.0	1112	1084
40 P	0.5	7	0.30	0.4	1.0	0.3	1.7	31.5	1129	1101
41 P	0.5	7	0.30	0.4	1.0	0.3	1.7	31.5	1148	1120
42 P	0.5	7	0.30	0.4	1.0	0.3	1.7	32.0	1167	1139
43 P	0.5	7	0.30	0.4	1.0	0.3	1.7	32.0	1187	1158
44 P	0.5	7	0.30	0.4	1.0	0.3	1.7	32.5	1204	1175
45 P	0.5	7	0.30	0.4	1.0	0.3	1.7	32.5	1223	1194
46 P	0.5	7	0.30	0.4	1.0	0.3	1.7	33.0	1242	1213
47 P	0.5	7	0.30	0.4	1.0	0.3	1.7	33.5	1262	1232
48 P	0.5	7	0.30	0.4	1.0	0.3	1.7	33.5	1278	1248
50 P	0.5	7	0.30	0.4	1.0	0.3	1.8	34.0	1330	1300

0.5 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELDED ARMOURED CABLE

Standard Specification : IEC60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	0.5	7	0.30	0.4	1.0	0.2	1.0	10.5	154	149
2 T	0.5	7	0.30	0.4	1.0	0.2	1.1	14.5	242	234
3 T	0.5	7	0.30	0.4	1.0	0.2	1.1	15.0	271	263
4 T	0.5	7	0.30	0.4	1.0	0.2	1.2	16.5	314	305
5 T	0.5	7	0.30	0.4	1.0	0.2	1.2	17.5	353	343
6 T	0.5	7	0.30	0.4	1.0	0.2	1.2	18.5	393	382
7 T	0.5	7	0.30	0.4	1.0	0.2	1.2	18.5	411	400
8 T	0.5	7	0.30	0.4	1.0	0.3	1.3	21.0	529	511
9 T	0.5	7	0.30	0.4	1.0	0.3	1.4	22.5	586	566
10 T	0.5	7	0.30	0.4	1.0	0.3	1.4	21.5	578	560
11 T	0.5	7	0.30	0.4	1.0	0.3	1.4	22.5	614	595
12 T	0.5	7	0.30	0.4	1.0	0.3	1.4	22.5	633	614
13 T	0.5	7	0.30	0.4	1.0	0.3	1.4	25.0	712	690
14 T	0.5	7	0.30	0.4	1.0	0.3	1.4	25.0	730	708
15 T	0.5	7	0.30	0.4	1.0	0.3	1.5	26.5	785	762
16 T	0.5	7	0.30	0.4	1.0	0.3	1.5	26.5	803	780
17 T	0.5	7	0.30	0.4	1.0	0.3	1.5	27.5	848	824
18 T	0.5	7	0.30	0.4	1.0	0.3	1.5	27.5	867	843
19 T	0.5	7	0.30	0.4	1.0	0.3	1.5	27.5	886	861
20 T	0.5	7	0.30	0.4	1.0	0.3	1.5	29.0	933	907
21 T	0.5	7	0.30	0.4	1.0	0.3	1.5	29.0	951	925
22 T	0.5	7	0.30	0.4	1.0	0.3	1.6	30.5	1012	985
23 T	0.5	7	0.30	0.4	1.0	0.3	1.6	30.5	1031	1004
24 T	0.5	7	0.30	0.4	1.0	0.3	1.6	31.5	1079	1051
25 T	0.5	7	0.30	0.4	1.0	0.3	1.6	31.5	1097	1069
26 T	0.5	7	0.30	0.4	1.0	0.3	1.6	31.5	1116	1088
27 T	0.5	7	0.30	0.4	1.0	0.3	1.6	32.5	1148	1119
28 T	0.5	7	0.30	0.4	1.0	0.3	1.7	33.5	1204	1174
29 T	0.5	7	0.30	0.4	1.0	0.3	1.7	33.5	1223	1193
30 T	0.5	7	0.30	0.4	1.0	0.3	1.7	33.5	1241	1211
31 T	0.5	7	0.30	0.4	1.0	0.3	1.7	34.5	1285	1254
32 T	0.5	7	0.30	0.4	1.0	0.3	1.7	34.5	1304	1273
33 T	0.5	7	0.30	0.4	1.0	0.3	1.7	34.5	1322	1291
34 T	0.5	7	0.30	0.4	1.0	0.3	1.7	36.0	1369	1336
35 T	0.5	7	0.30	0.4	1.0	0.3	1.7	36.0	1387	1355
36 T	0.5	7	0.30	0.4	1.0	0.3	1.7	36.0	1406	1373
37 T	0.5	7	0.30	0.4	1.0	0.3	1.7	36.0	1424	1392
38 T	0.5	7	0.30	0.4	1.0	0.3	1.8	37.5	1490	1456
39 T	0.5	7	0.30	0.4	1.0	0.3	1.8	37.5	1508	1475
40 T	0.5	7	0.30	0.4	1.0	0.3	1.8	37.5	1527	1493
41 T	0.5	7	0.30	0.4	1.0	0.3	1.8	38.5	1576	1541

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
42 T	0.5	7	0.30	0.4	1.0	0.3	1.8	38.5	1594	1559
43 T	0.5	7	0.30	0.4	1.0	0.3	1.8	38.5	1613	1578
44 T	0.5	7	0.30	0.4	1.0	0.3	1.9	40.0	1680	1644
45 T	0.5	7	0.30	0.4	1.0	0.3	1.9	40.0	1699	1662
46 T	0.5	7	0.30	0.4	1.0	0.3	1.9	40.0	1717	1681
47 T	0.5	7	0.30	0.4	1.0	0.3	1.9	40.0	1736	1699
48 T	0.5	7	0.30	0.4	1.0	0.3	1.9	40.5	1769	1732
50 T	0.5	7	0.30	0.4	1.2	0.3	1.9	42.0	1865	1827

0.75 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELDED ARMOURED CABLE

Standard Specification : IEC : 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	0.75	7	0.37	0.5	1.0	0.2	1.0	11.5	179	173
2 T	0.75	7	0.37	0.5	1.0	0.2	1.2	16.5	296	287
3 T	0.75	7	0.37	0.5	1.0	0.2	1.2	17.0	338	328
4 T	0.75	7	0.37	0.5	1.0	0.3	1.2	19.0	439	423
5 T	0.75	7	0.37	0.5	1.0	0.3	1.3	20.5	503	486
6 T	0.75	7	0.37	0.5	1.0	0.3	1.3	22.0	563	544
7 T	0.75	7	0.37	0.5	1.0	0.3	1.3	22.0	590	571
8 T	0.75	7	0.37	0.5	1.0	0.3	1.4	24.0	674	653
9 T	0.75	7	0.37	0.5	1.0	0.3	1.4	26.0	736	714
10 T	0.75	7	0.37	0.5	1.0	0.3	1.5	24.5	745	724
11 T	0.75	7	0.37	0.5	1.0	0.3	1.5	25.5	795	773
12 T	0.75	7	0.37	0.5	1.0	0.3	1.5	25.5	823	800
13 T	0.75	7	0.37	0.5	1.0	0.3	1.5	29.0	923	898
14 T	0.75	7	0.37	0.5	1.0	0.3	1.5	29.0	951	926
15 T	0.75	7	0.37	0.5	1.0	0.3	1.6	30.5	1024	997
16 T	0.75	7	0.37	0.5	1.0	0.3	1.6	30.5	1052	1025
17 T	0.75	7	0.37	0.5	1.0	0.3	1.6	32.0	1111	1083
18 T	0.75	7	0.37	0.5	1.0	0.3	1.6	32.0	1139	1110
19 T	0.75	7	0.37	0.5	1.0	0.3	1.6	32.0	1167	1138
20 T	0.75	7	0.37	0.5	1.0	0.3	1.7	33.5	1246	1216

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
21 T	0.75	7	0.37	0.5	1.0	0.3	1.7	33.5	1274	1244
22 T	0.75	7	0.37	0.5	1.0	0.3	1.7	35.5	1338	1307
23 T	0.75	7	0.37	0.5	1.0	0.3	1.7	35.5	1366	1335
24 T	0.75	7	0.37	0.5	1.0	0.3	1.8	37.0	1445	1412
25 T	0.75	7	0.37	0.5	1.0	0.3	1.8	37.0	1473	1440
26 T	0.75	7	0.37	0.5	1.0	0.3	1.8	37.0	1501	1468
27 T	0.75	7	0.37	0.5	1.0	0.3	1.8	37.5	1545	1511
28 T	0.75	7	0.37	0.5	1.0	0.3	1.8	39.0	1603	1568
29 T	0.75	7	0.37	0.5	1.0	0.3	1.8	39.0	1631	1596
30 T	0.75	7	0.37	0.5	1.0	0.3	1.8	39.0	1659	1624
31 T	0.75	7	0.37	0.5	1.0	0.3	1.9	40.5	1736	1699
32 T	0.75	7	0.37	0.5	1.0	0.3	1.9	40.5	1764	1727
33 T	0.75	7	0.37	0.5	1.0	0.3	1.9	40.5	1792	1755
34 T	0.75	7	0.37	0.5	1.2	0.3	1.9	42.5	1894	1855
35 T	0.75	7	0.37	0.5	1.2	0.3	1.9	42.5	1921	1883
36 T	0.75	7	0.37	0.5	1.2	0.3	1.9	42.5	1949	1911
37 T	0.75	7	0.37	0.5	1.2	0.3	1.9	42.5	1977	1938
38 T	0.75	7	0.37	0.5	1.2	0.3	2.0	44.0	2065	2025
39 T	0.75	7	0.37	0.5	1.2	0.3	2.0	44.0	2092	2052
40 T	0.75	7	0.37	0.5	1.2	0.3	2.0	44.0	2120	2080
41 T	0.75	7	0.37	0.5	1.2	0.4	2.0	46.0	2318	2262
42 T	0.75	7	0.37	0.5	1.2	0.4	2.0	46.0	2346	2290
43 T	0.75	7	0.37	0.5	1.2	0.4	2.0	46.0	2374	2317
44 T	0.75	7	0.37	0.5	1.2	0.4	2.1	48.0	2469	2410
45 T	0.75	7	0.37	0.5	1.2	0.4	2.1	48.0	2497	2438
46 T	0.75	7	0.37	0.5	1.2	0.4	2.1	48.0	2524	2466
47 T	0.75	7	0.37	0.5	1.2	0.4	2.1	48.0	2552	2494
48 T	0.75	7	0.37	0.5	1.2	0.4	2.1	48.5	2600	2540
50 T	0.75	7	0.37	0.5	1.2	0.4	2.1	49.5	2681	2621

0.75 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELDED ARMOURED CABLE

Standard Specification : IEC : 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable with ATC Braided Armour	Approx. Net Weight of cable with G. I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	0.75	7	0.37	0.5	1.0	0.2	1.0	11.0	163	157
2 P	0.75	7	0.37	0.5	1.0	0.2	1.1	15.0	247	239
3 P	0.75	7	0.37	0.5	1.0	0.2	1.1	15.5	275	266
4 P	0.75	7	0.37	0.5	1.0	0.2	1.2	16.5	320	311
5 P	0.75	7	0.37	0.5	1.0	0.2	1.2	18.0	361	351
6 P	0.75	7	0.37	0.5	1.0	0.3	1.3	19.0	450	434
7 P	0.75	7	0.37	0.5	1.0	0.3	1.3	19.0	469	452
8 P	0.75	7	0.37	0.5	1.0	0.3	1.3	20.5	517	499
9 P	0.75	7	0.37	0.5	1.0	0.3	1.4	21.5	564	546
10 P	0.75	7	0.37	0.5	1.0	0.3	1.4	23.0	609	589
11 P	0.75	7	0.37	0.5	1.0	0.3	1.4	23.0	631	612
12 P	0.75	7	0.37	0.5	1.0	0.3	1.4	23.5	659	638
13 P	0.75	7	0.37	0.5	1.0	0.3	1.5	24.0	695	674
14 P	0.75	7	0.37	0.5	1.0	0.3	1.5	24.5	729	707
15 P	0.75	7	0.37	0.5	1.0	0.3	1.5	25.0	756	734
16 P	0.75	7	0.37	0.5	1.0	0.3	1.5	26.0	795	772
17 P	0.75	7	0.37	0.5	1.0	0.3	1.5	26.5	820	797
18 P	0.75	7	0.37	0.5	1.0	0.3	1.5	26.5	843	819
19 P	0.75	7	0.37	0.5	1.0	0.3	1.5	27.0	872	848
20 P	0.75	7	0.37	0.5	1.0	0.3	1.6	28.0	919	895
21 P	0.75	7	0.37	0.5	1.0	0.3	1.6	28.5	947	922
22 P	0.75	7	0.37	0.5	1.0	0.3	1.6	29.0	976	951
23 P	0.75	7	0.37	0.5	1.0	0.3	1.6	29.5	1006	980
24 P	0.75	7	0.37	0.5	1.0	0.3	1.7	30.0	1047	1021
25 P	0.75	7	0.37	0.5	1.0	0.3	1.7	30.5	1077	1051
26 P	0.75	7	0.37	0.5	1.0	0.3	1.7	31.0	1105	1078
27 P	0.75	7	0.37	0.5	1.0	0.3	1.7	31.0	1133	1105
28 P	0.75	7	0.37	0.5	1.0	0.3	1.7	31.5	1161	1133
29 P	0.75	7	0.37	0.5	1.0	0.3	1.7	32.0	1188	1160
30 P	0.75	7	0.37	0.5	1.0	0.3	1.7	32.5	1216	1187
31 P	0.75	7	0.37	0.5	1.0	0.3	1.7	33.0	1244	1214
32 P	0.75	7	0.37	0.5	1.0	0.3	1.7	33.0	1271	1242
33 P	0.75	7	0.37	0.5	1.0	0.3	1.7	33.5	1299	1269
34 P	0.75	7	0.37	0.5	1.0	0.3	1.8	34.0	1343	1312
35 P	0.75	7	0.37	0.5	1.0	0.3	1.8	34.5	1371	1340
36 P	0.75	7	0.37	0.5	1.0	0.3	1.8	35.0	1396	1365
37 P	0.75	7	0.37	0.5	1.0	0.3	1.8	35.5	1424	1393
38 P	0.75	7	0.37	0.5	1.0	0.3	1.8	35.5	1450	1418
39 P	0.75	7	0.37	0.5	1.0	0.3	1.8	36.0	1478	1445
40 P	0.75	7	0.37	0.5	1.0	0.3	1.8	36.5	1503	1470
41 P	0.75	7	0.37	0.5	1.0	0.3	1.9	37.0	1548	1515
42 P	0.75	7	0.37	0.5	1.0	0.3	1.9	37.0	1573	1540
43 P	0.75	7	0.37	0.5	1.0	0.3	1.9	37.5	1602	1568
44 P	0.75	7	0.37	0.5	1.2	0.3	1.9	38.5	1664	1630
45 P	0.75	7	0.37	0.5	1.2	0.3	1.9	38.5	1690	1656
46 P	0.75	7	0.37	0.5	1.2	0.3	1.9	39.0	1716	1681
47 P	0.75	7	0.37	0.5	1.2	0.3	1.9	39.5	1745	1709
48 P	0.75	7	0.37	0.5	1.2	0.3	1.9	39.5	1771	1735
50 P	0.75	7	0.37	0.5	1.2	0.3	2.0	40.5	1841	1805



1.0 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELDED ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	1	7	0.43	0.5	1.0	0.2	1.0	11.5	175	169
2 P	1	7	0.43	0.5	1.0	0.2	1.1	15.5	270	261
3 P	1	7	0.43	0.5	1.0	0.2	1.2	16.5	311	302
4 P	1	7	0.43	0.5	1.0	0.2	1.2	17.5	354	345
5 P	1	7	0.43	0.5	1.0	0.3	1.3	19.5	468	451
6 P	1	7	0.43	0.5	1.0	0.3	1.3	20.0	502	485
7 P	1	7	0.43	0.5	1.0	0.3	1.3	20.0	525	508
8 P	1	7	0.43	0.5	1.0	0.3	1.4	22.0	591	572
9 P	1	7	0.43	0.5	1.0	0.3	1.4	23.0	636	616
10 P	1	7	0.43	0.5	1.0	0.3	1.4	24.0	688	667
11 P	1	7	0.43	0.5	1.0	0.3	1.4	24.5	716	695
12 P	1	7	0.43	0.5	1.0	0.3	1.5	25.0	762	740
13 P	1	7	0.43	0.5	1.0	0.3	1.5	25.5	792	770
14 P	1	7	0.43	0.5	1.0	0.3	1.5	26.0	831	808
15 P	1	7	0.43	0.5	1.0	0.3	1.5	26.5	866	843
16 P	1	7	0.43	0.5	1.0	0.3	1.5	27.5	912	887
17 P	1	7	0.43	0.5	1.0	0.3	1.6	28.0	955	930
18 P	1	7	0.43	0.5	1.0	0.3	1.6	28.5	983	958
19 P	1	7	0.43	0.5	1.0	0.3	1.6	29.0	1018	992
20 P	1	7	0.43	0.5	1.0	0.3	1.6	29.5	1059	1033
21 P	1	7	0.43	0.5	1.0	0.3	1.6	30.0	1095	1068
22 P	1	7	0.43	0.5	1.0	0.3	1.7	31.0	1143	1116
23 P	1	7	0.43	0.5	1.0	0.3	1.7	31.5	1179	1151
24 P	1	7	0.43	0.5	1.0	0.3	1.7	32.0	1214	1186
25 P	1	7	0.43	0.5	1.0	0.3	1.7	32.5	1249	1220
26 P	1	7	0.43	0.5	1.0	0.3	1.7	32.5	1282	1253
27 P	1	7	0.43	0.5	1.0	0.3	1.7	33.0	1317	1287
28 P	1	7	0.43	0.5	1.0	0.3	1.8	34.0	1365	1335
29 P	1	7	0.43	0.5	1.0	0.3	1.8	34.5	1401	1370
30 P	1	7	0.43	0.5	1.0	0.3	1.8	34.5	1434	1403
31 P	1	7	0.43	0.5	1.0	0.3	1.8	35.0	1469	1437
32 P	1	7	0.43	0.5	1.0	0.3	1.8	35.5	1502	1470
33 P	1	7	0.43	0.5	1.0	0.3	1.8	36.0	1535	1503
34 P	1	7	0.43	0.5	1.0	0.3	1.9	36.5	1585	1552
35 P	1	7	0.43	0.5	1.0	0.3	1.9	37.0	1618	1585
36 P	1	7	0.43	0.5	1.0	0.3	1.9	37.5	1651	1618
37 P	1	7	0.43	0.5	1.0	0.3	1.9	38.0	1684	1650
38 P	1	7	0.43	0.5	1.2	0.3	1.9	38.5	1755	1720
39 P	1	7	0.43	0.5	1.2	0.3	1.9	39.0	1788	1753
40 P	1	7	0.43	0.5	1.2	0.3	1.9	39.5	1822	1786

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
41 P	1	7	0.43	0.5	1.2	0.3	1.9	39.5	1853	1817
42 P	1	7	0.43	0.5	1.2	0.3	1.9	40.0	1887	1850
43 P	1	7	0.43	0.5	1.2	0.3	1.9	40.5	1920	1884
44 P	1	7	0.43	0.5	1.2	0.3	2.0	41.0	1970	1933
45 P	1	7	0.43	0.5	1.2	0.3	2.0	41.5	2004	1967
46 P	1	7	0.43	0.5	1.2	0.3	2.0	41.5	2035	1997
47 P	1	7	0.43	0.5	1.2	0.3	2.0	42.0	2069	2031
48 P	1	7	0.43	0.5	1.2	0.3	2.0	42.5	2100	2062
50 P	1	7	0.43	0.5	1.2	0.3	2.0	43.0	2165	2126

1.0 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELDED ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	1	7	0.43	0.5	1.0	0.2	1.1	12.0	199	192
2 T	1	7	0.43	0.5	1.0	0.2	1.2	17.5	327	318
3 T	1	7	0.43	0.5	1.0	0.2	1.2	18.0	377	367
4 T	1	7	0.43	0.5	1.0	0.3	1.3	20.0	500	483
5 T	1	7	0.43	0.5	1.0	0.3	1.3	21.5	567	548
6 T	1	7	0.43	0.5	1.0	0.3	1.4	23.5	645	625
7 T	1	7	0.43	0.5	1.0	0.3	1.4	23.5	680	660
8 T	1	7	0.43	0.5	1.0	0.3	1.4	25.5	766	743
9 T	1	7	0.43	0.5	1.0	0.3	1.5	27.5	853	828
10 T	1	7	0.43	0.5	1.0	0.3	1.5	26.0	855	832
11 T	1	7	0.43	0.5	1.0	0.3	1.5	27.0	912	888
12 T	1	7	0.43	0.5	1.0	0.3	1.5	27.0	948	924
13 T	1	7	0.43	0.5	1.0	0.3	1.6	31.0	1077	1049
14 T	1	7	0.43	0.5	1.0	0.3	1.6	31.0	1112	1085
15 T	1	7	0.43	0.5	1.0	0.3	1.6	32.5	1182	1153
16 T	1	7	0.43	0.5	1.0	0.3	1.6	32.5	1217	1188
17 T	1	7	0.43	0.5	1.0	0.3	1.7	34.0	1304	1274
18 T	1	7	0.43	0.5	1.0	0.3	1.7	34.0	1340	1309
19 T	1	7	0.43	0.5	1.0	0.3	1.7	34.0	1375	1345
20 T	1	7	0.43	0.5	1.0	0.3	1.7	36.0	1448	1415
21 T	1	7	0.43	0.5	1.0	0.3	1.7	36.0	1483	1451
22 T	1	7	0.43	0.5	1.0	0.3	1.8	38.0	1577	1543
23 T	1	7	0.43	0.5	1.0	0.3	1.8	38.0	1613	1579
24 T	1	7	0.43	0.5	1.0	0.3	1.8	39.5	1688	1652

1.0 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELDED ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
25 T	1	7	0.43	0.5	1.0	0.3	1.8	39.5	1724	1688
26 T	1	7	0.43	0.5	1.0	0.3	1.8	39.5	1759	1723
27 T	1	7	0.43	0.5	1.0	0.3	1.9	40.5	1829	1793
28 T	1	7	0.43	0.5	1.2	0.3	1.9	42.0	1939	1900
29 T	1	7	0.43	0.5	1.2	0.3	1.9	42.0	1974	1936
30 T	1	7	0.43	0.5	1.2	0.3	1.9	42.0	2010	1971
31 T	1	7	0.43	0.5	1.2	0.3	1.9	43.5	2082	2043
32 T	1	7	0.43	0.5	1.2	0.3	1.9	43.5	2118	2078
33 T	1	7	0.43	0.5	1.2	0.3	1.9	43.5	2153	2113
34 T	1	7	0.43	0.5	1.2	0.3	2.0	45.5	2247	2206
35 T	1	7	0.43	0.5	1.2	0.3	2.0	45.5	2283	2241
36 T	1	7	0.43	0.5	1.2	0.3	2.0	45.5	2318	2277
37 T	1	7	0.43	0.5	1.2	0.3	2.0	45.5	2353	2312
38 T	1	7	0.43	0.5	1.2	0.3	2.0	47.0	2432	2389
39 T	1	7	0.43	0.5	1.2	0.3	2.0	47.0	2467	2424
40 T	1	7	0.43	0.5	1.2	0.3	2.0	47.0	2503	2460
41 T	1	7	0.43	0.5	1.2	0.4	2.1	49.5	2742	2682
42 T	1	7	0.43	0.5	1.2	0.4	2.1	49.5	2778	2717
43 T	1	7	0.43	0.5	1.2	0.4	2.1	49.5	2813	2753
44 T	1	7	0.43	0.5	1.2	0.4	2.2	51.5	2921	2858
45 T	1	7	0.43	0.5	1.2	0.4	2.2	51.5	2957	2894
46 T	1	7	0.43	0.5	1.2	0.4	2.2	51.5	2992	2929
47 T	1	7	0.43	0.5	1.2	0.4	2.2	51.5	3027	2965
48 T	1	7	0.43	0.5	1.2	0.4	2.2	52.0	3086	3023
50 T	1	7	0.43	0.5	1.2	0.4	2.2	53.0	3186	3121

1.5 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELDED ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	1.5	7	0.53	0.6	1.0	0.2	1.1	13.0	209	202
2 P	1.5	7	0.53	0.6	1.0	0.2	1.2	17.5	330	321
3 P	1.5	7	0.53	0.6	1.0	0.2	1.2	18.5	380	369
4 P	1.5	7	0.53	0.6	1.0	0.3	1.3	20.5	503	486

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
5 P	1.5	7	0.53	0.6	1.0	0.3	1.4	22.5	586	567
6 P	1.5	7	0.53	0.6	1.0	0.3	1.4	23.0	635	615
7 P	1.5	7	0.53	0.6	1.0	0.3	1.4	23.0	670	650
8 P	1.5	7	0.53	0.6	1.0	0.3	1.5	25.0	755	734
9 P	1.5	7	0.53	0.6	1.0	0.3	1.5	26.0	817	794
10 P	1.5	7	0.53	0.6	1.0	0.3	1.6	28.0	898	874
11 P	1.5	7	0.53	0.6	1.0	0.3	1.6	28.0	940	915
12 P	1.5	7	0.53	0.6	1.0	0.3	1.6	28.5	989	963
13 P	1.5	7	0.53	0.6	1.0	0.3	1.6	29.0	1031	1005
14 P	1.5	7	0.53	0.6	1.0	0.3	1.6	30.0	1086	1060
15 P	1.5	7	0.53	0.6	1.0	0.3	1.7	30.5	1149	1122
16 P	1.5	7	0.53	0.6	1.0	0.3	1.7	32.0	1212	1184
17 P	1.5	7	0.53	0.6	1.0	0.3	1.7	32.0	1254	1225
18 P	1.5	7	0.53	0.6	1.0	0.3	1.7	32.5	1296	1267
19 P	1.5	7	0.53	0.6	1.0	0.3	1.7	33.0	1345	1315
20 P	1.5	7	0.53	0.6	1.0	0.3	1.8	34.0	1417	1386
21 P	1.5	7	0.53	0.6	1.0	0.3	1.8	35.0	1466	1435
22 P	1.5	7	0.53	0.6	1.0	0.3	1.9	35.5	1531	1500
23 P	1.5	7	0.53	0.6	1.0	0.3	1.9	36.0	1581	1549
24 P	1.5	7	0.53	0.6	1.2	0.3	1.9	37.0	1667	1633
25 P	1.5	7	0.53	0.6	1.2	0.3	1.9	38.0	1717	1683
26 P	1.5	7	0.53	0.6	1.2	0.3	1.9	38.5	1767	1732
27 P	1.5	7	0.53	0.6	1.2	0.3	1.9	39.0	1814	1779
28 P	1.5	7	0.53	0.6	1.2	0.3	2.0	39.5	1883	1847
29 P	1.5	7	0.53	0.6	1.2	0.3	2.0	40.0	1931	1894
30 P	1.5	7	0.53	0.6	1.2	0.3	2.0	40.5	1978	1942
31 P	1.5	7	0.53	0.6	1.2	0.3	2.0	41.0	2026	1989
32 P	1.5	7	0.53	0.6	1.2	0.3	2.0	42.0	2077	2039
33 P	1.5	7	0.53	0.6	1.2	0.3	2.0	42.0	2122	2084
34 P	1.5	7	0.53	0.6	1.2	0.4	2.1	43.5	2311	2258
35 P	1.5	7	0.53	0.6	1.2	0.4	2.1	44.0	2360	2307
36 P	1.5	7	0.53	0.6	1.2	0.4	2.1	44.5	2410	2356
37 P	1.5	7	0.53	0.6	1.2	0.4	2.1	45.0	2459	2405
38 P	1.5	7	0.53	0.6	1.2	0.4	2.2	45.5	2527	2472
39 P	1.5	7	0.53	0.6	1.2	0.4	2.2	46.0	2577	2521
40 P	1.5	7	0.53	0.6	1.2	0.4	2.2	46.5	2626	2570
41 P	1.5	7	0.53	0.6	1.2	0.4	2.2	47.0	2673	2616
42 P	1.5	7	0.53	0.6	1.2	0.4	2.2	47.5	2720	2663
43 P	1.5	7	0.53	0.6	1.2	0.4	2.2	48.0	2770	2712
44 P	1.5	7	0.53	0.6	1.2	0.4	2.3	48.5	2839	2780
45 P	1.5	7	0.53	0.6	1.2	0.4	2.3	49.0	2889	2829
46 P	1.5	7	0.53	0.6	1.2	0.4	2.3	49.5	2936	2876
47 P	1.5	7	0.53	0.6	1.2	0.4	2.3	49.5	2983	2923
48 P	1.5	7	0.53	0.6	1.2	0.4	2.3	50.0	3030	2969
50 P	1.5	7	0.53	0.6	1.4	0.4	2.3	51.5	3173	3111

1.5 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELDED ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	1.5	7	0.53	0.6	1.0	0.2	1.1	13.5	235	228
2 T	1.5	7	0.53	0.6	1.0	0.3	1.3	20.0	461	444
3 T	1.5	7	0.53	0.6	1.0	0.3	1.3	21.0	535	517
4 T	1.5	7	0.53	0.6	1.0	0.3	1.4	23.0	632	613
5 T	1.5	7	0.53	0.6	1.0	0.3	1.4	24.5	722	701
6 T	1.5	7	0.53	0.6	1.0	0.3	1.5	26.5	828	805
7 T	1.5	7	0.53	0.6	1.0	0.3	1.5	26.5	881	857
8 T	1.5	7	0.53	0.6	1.0	0.3	1.6	29.5	1007	981
9 T	1.5	7	0.53	0.6	1.0	0.3	1.6	31.5	1109	1081
10 T	1.5	7	0.53	0.6	1.0	0.3	1.7	30.0	1133	1106
11 T	1.5	7	0.53	0.6	1.0	0.3	1.7	31.5	1216	1188
12 T	1.5	7	0.53	0.6	1.0	0.3	1.7	31.5	1268	1241
13 T	1.5	7	0.53	0.6	1.0	0.3	1.8	36.0	1437	1405
14 T	1.5	7	0.53	0.6	1.0	0.3	1.8	36.0	1489	1457
15 T	1.5	7	0.53	0.6	1.0	0.3	1.8	37.5	1585	1551
16 T	1.5	7	0.53	0.6	1.0	0.3	1.8	37.5	1637	1603
17 T	1.5	7	0.53	0.6	1.0	0.3	1.9	39.5	1753	1717
18 T	1.5	7	0.53	0.6	1.0	0.3	1.9	39.5	1806	1770
19 T	1.5	7	0.53	0.6	1.0	0.3	1.9	39.5	1858	1823
20 T	1.5	7	0.53	0.6	1.2	0.3	1.9	42.0	2000	1961
21 T	1.5	7	0.53	0.6	1.2	0.3	1.9	42.0	2052	2014
22 T	1.5	7	0.53	0.6	1.2	0.3	2.0	44.5	2178	2137
23 T	1.5	7	0.53	0.6	1.2	0.3	2.0	44.5	2231	2190
24 T	1.5	7	0.53	0.6	1.2	0.3	2.1	46.5	2355	2313
25 T	1.5	7	0.53	0.6	1.2	0.3	2.1	46.5	2408	2366
26 T	1.5	7	0.53	0.6	1.2	0.3	2.1	46.5	2461	2418
27 T	1.5	7	0.53	0.6	1.2	0.4	2.1	48.0	2674	2616
28 T	1.5	7	0.53	0.6	1.2	0.4	2.2	50.0	2796	2735
29 T	1.5	7	0.53	0.6	1.2	0.4	2.2	50.0	2849	2788
30 T	1.5	7	0.53	0.6	1.2	0.4	2.2	50.0	2901	2841
31 T	1.5	7	0.53	0.6	1.2	0.4	2.2	51.5	3004	2941
32 T	1.5	7	0.53	0.6	1.2	0.4	2.2	51.5	3056	2993
33 T	1.5	7	0.53	0.6	1.2	0.4	2.2	51.5	3109	3046
34 T	1.5	7	0.53	0.6	1.2	0.4	2.3	53.5	3242	3176
35 T	1.5	7	0.53	0.6	1.2	0.4	2.3	53.5	3295	3229
36 T	1.5	7	0.53	0.6	1.2	0.4	2.3	53.5	3348	3282
37 T	1.5	7	0.53	0.6	1.2	0.4	2.3	53.5	3400	3335
38 T	1.5	7	0.53	0.6	1.4	0.4	2.3	56.0	3566	3497
39 T	1.5	7	0.53	0.6	1.4	0.4	2.3	56.0	3619	3550
40 T	1.5	7	0.53	0.6	1.4	0.4	2.3	56.0	3672	3603

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
41 T	1.5	7	0.53	0.6	1.4	0.4	2.4	58.5	3816	3744
42 T	1.5	7	0.53	0.6	1.4	0.4	2.4	58.5	3868	3797
43 T	1.5	7	0.53	0.6	1.4	0.4	2.4	58.5	3921	3849
44 T	1.5	7	0.53	0.6	1.4	0.4	2.5	60.5	4064	3989
45 T	1.5	7	0.53	0.6	1.4	0.4	2.5	60.5	4117	4042
46 T	1.5	7	0.53	0.6	1.4	0.4	2.5	60.5	4169	4095
47 T	1.5	7	0.53	0.6	1.4	0.4	2.5	60.5	4222	4148
48 T	1.5	7	0.53	0.6	1.4	0.4	2.5	61.5	4306	4230
50 T	1.5	7	0.53	0.6	1.4	0.4	2.6	63.0	4478	4401

2.5 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELDED ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	2.5	7	0.67	0.6	1.0	0.2	1.1	13.5	242	234
2 P	2.5	7	0.67	0.6	1.0	0.3	1.3	19.5	454	437
3 P	2.5	7	0.67	0.6	1.0	0.3	1.3	20.5	525	508
4 P	2.5	7	0.67	0.6	1.0	0.3	1.4	22.0	619	600
5 P	2.5	7	0.67	0.6	1.0	0.3	1.4	24.0	715	694
6 P	2.5	7	0.67	0.6	1.0	0.3	1.5	25.0	794	772
7 P	2.5	7	0.67	0.6	1.0	0.3	1.5	25.0	846	824
8 P	2.5	7	0.67	0.6	1.0	0.3	1.6	27.5	955	931
9 P	2.5	7	0.67	0.6	1.0	0.3	1.6	28.5	1039	1013
10 P	2.5	7	0.67	0.6	1.0	0.3	1.7	30.5	1143	1116
11 P	2.5	7	0.67	0.6	1.0	0.3	1.7	31.0	1203	1175
12 P	2.5	7	0.67	0.6	1.0	0.3	1.7	31.5	1271	1243
13 P	2.5	7	0.67	0.6	1.0	0.3	1.8	32.0	1347	1319
14 P	2.5	7	0.67	0.6	1.0	0.3	1.8	33.0	1423	1393
15 P	2.5	7	0.67	0.6	1.0	0.3	1.8	34.0	1492	1461
16 P	2.5	7	0.67	0.6	1.0	0.3	1.8	35.0	1574	1543
17 P	2.5	7	0.67	0.6	1.0	0.3	1.9	36.0	1652	1620
18 P	2.5	7	0.67	0.6	1.0	0.3	1.9	36.0	1712	1680
19 P	2.5	7	0.67	0.6	1.0	0.3	1.9	37.0	1781	1748
20 P	2.5	7	0.67	0.6	1.2	0.3	1.9	38.0	1894	1860
21 P	2.5	7	0.67	0.6	1.2	0.3	1.9	39.0	1964	1929
22 P	2.5	7	0.67	0.6	1.2	0.3	2.0	40.0	2051	2016
23 P	2.5	7	0.67	0.6	1.2	0.3	2.0	40.5	2122	2085
24 P	2.5	7	0.67	0.6	1.2	0.4	2.1	42.0	2327	2277

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
25 P	2.5	7	0.67	0.6	1.2	0.4	2.1	42.5	2397	2346
26 P	2.5	7	0.67	0.6	1.2	0.4	2.1	43.0	2466	2414
27 P	2.5	7	0.67	0.6	1.2	0.4	2.1	44.0	2539	2486
28 P	2.5	7	0.67	0.6	1.2	0.4	2.2	44.5	2628	2575
29 P	2.5	7	0.67	0.6	1.2	0.4	2.2	45.0	2698	2644
30 P	2.5	7	0.67	0.6	1.2	0.4	2.2	46.0	2768	2713
31 P	2.5	7	0.67	0.6	1.2	0.4	2.2	46.5	2838	2782
32 P	2.5	7	0.67	0.6	1.2	0.4	2.2	47.0	2907	2850
33 P	2.5	7	0.67	0.6	1.2	0.4	2.2	47.5	2974	2917
34 P	2.5	7	0.67	0.6	1.2	0.4	2.3	48.5	3066	3008
35 P	2.5	7	0.67	0.6	1.2	0.4	2.3	49.0	3133	3074
36 P	2.5	7	0.67	0.6	1.2	0.4	2.3	49.5	3203	3143
37 P	2.5	7	0.67	0.6	1.2	0.4	2.3	50.0	3270	3210
38 P	2.5	7	0.67	0.6	1.4	0.4	2.4	51.0	3410	3348
39 P	2.5	7	0.67	0.6	1.4	0.4	2.4	51.5	3481	3418
40 P	2.5	7	0.67	0.6	1.4	0.4	2.4	52.0	3548	3485
41 P	2.5	7	0.67	0.6	1.4	0.4	2.4	52.5	3616	3552
42 P	2.5	7	0.67	0.6	1.4	0.4	2.4	53.0	3684	3619
43 P	2.5	7	0.67	0.6	1.4	0.4	2.4	53.5	3752	3686
44 P	2.5	7	0.67	0.6	1.4	0.4	2.5	54.0	3841	3775
45 P	2.5	7	0.67	0.6	1.4	0.4	2.5	55.0	3912	3846
46 P	2.5	7	0.67	0.6	1.4	0.4	2.5	55.0	3977	3910
47 P	2.5	7	0.67	0.6	1.4	0.4	2.5	55.5	4045	3977
48 P	2.5	7	0.67	0.6	1.4	0.4	2.5	56.0	4110	4041
50 P	2.5	7	0.67	0.6	1.4	0.4	2.6	57.5	4272	4202

2.5 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELDED ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	2.5	7	0.67	0.6	1.0	0.2	1.1	14.0	277	269
2 T	2.5	7	0.67	0.6	1.0	0.3	1.3	21.5	551	532
3 T	2.5	7	0.67	0.6	1.0	0.3	1.4	23.0	663	643
4 T	2.5	7	0.67	0.6	1.0	0.3	1.4	25.0	780	758
5 T	2.5	7	0.67	0.6	1.0	0.3	1.5	27.0	912	888
6 T	2.5	7	0.67	0.6	1.0	0.3	1.6	29.0	1050	1024
7 T	2.5	7	0.67	0.6	1.0	0.3	1.6	29.0	1128	1103

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
8 T	2.5	7	0.67	0.6	1.0	0.3	1.7	32.5	1294	1265
9 T	2.5	7	0.67	0.6	1.0	0.3	1.8	35.0	1444	1412
10 T	2.5	7	0.67	0.6	1.0	0.3	1.8	33.0	1473	1443
11 T	2.5	7	0.67	0.6	1.0	0.3	1.8	34.5	1584	1553
12 T	2.5	7	0.67	0.6	1.0	0.3	1.8	34.5	1662	1632
13 T	2.5	7	0.67	0.6	1.0	0.3	1.9	39.5	1876	1841
14 T	2.5	7	0.67	0.6	1.0	0.3	1.9	39.5	1955	1919
15 T	2.5	7	0.67	0.6	1.2	0.3	2.0	42.5	2141	2103
16 T	2.5	7	0.67	0.6	1.2	0.3	2.0	42.5	2219	2181
17 T	2.5	7	0.67	0.6	1.2	0.3	2.0	44.5	2351	2311
18 T	2.5	7	0.67	0.6	1.2	0.3	2.0	44.5	2429	2389
19 T	2.5	7	0.67	0.6	1.2	0.3	2.0	44.5	2508	2467
20 T	2.5	7	0.67	0.6	1.2	0.4	2.1	47.5	2799	2741
21 T	2.5	7	0.67	0.6	1.2	0.4	2.1	47.5	2877	2819
22 T	2.5	7	0.67	0.6	1.2	0.4	2.2	50.0	3047	2986
23 T	2.5	7	0.67	0.6	1.2	0.4	2.2	50.0	3126	3065
24 T	2.5	7	0.67	0.6	1.2	0.4	2.3	52.5	3295	3231
25 T	2.5	7	0.67	0.6	1.2	0.4	2.3	52.5	3373	3309
26 T	2.5	7	0.67	0.6	1.2	0.4	2.3	52.5	3452	3388
27 T	2.5	7	0.67	0.6	1.2	0.4	2.3	53.5	3560	3494
28 T	2.5	7	0.67	0.6	1.4	0.4	2.4	56.0	3771	3702
29 T	2.5	7	0.67	0.6	1.4	0.4	2.4	56.0	3849	3781
30 T	2.5	7	0.67	0.6	1.4	0.4	2.4	56.0	3927	3859
31 T	2.5	7	0.67	0.6	1.4	0.4	2.4	58.0	4068	3997
32 T	2.5	7	0.67	0.6	1.4	0.4	2.4	58.0	4146	4075
33 T	2.5	7	0.67	0.6	1.4	0.4	2.4	58.0	4224	4153
34 T	2.5	7	0.67	0.6	1.4	0.4	2.5	60.0	4395	4322
35 T	2.5	7	0.67	0.6	1.4	0.4	2.5	60.0	4474	4400
36 T	2.5	7	0.67	0.6	1.4	0.4	2.5	60.0	4552	4478
37 T	2.5	7	0.67	0.6	1.4	0.4	2.5	60.0	4631	4557
38 T	2.5	7	0.67	0.6	1.4	0.4	2.6	62.5	4810	4733
39 T	2.5	7	0.67	0.6	1.4	0.4	2.6	62.5	4888	4812
40 T	2.5	7	0.67	0.6	1.4	0.4	2.6	62.5	4967	4890
41 T	2.5	7	0.67	0.6	1.4	0.4	2.7	65.5	5152	5071
42 T	2.5	7	0.67	0.6	1.4	0.4	2.7	65.5	5230	5150
43 T	2.5	7	0.67	0.6	1.4	0.4	2.7	65.5	5308	5228
44 T	2.5	7	0.67	0.6	1.6	0.4	2.7	68.0	5526	5442
45 T	2.5	7	0.67	0.6	1.6	0.4	2.7	68.0	5605	5521
46 T	2.5	7	0.67	0.6	1.6	0.4	2.7	68.0	5683	5599
47 T	2.5	7	0.67	0.6	1.6	0.4	2.7	68.0	5761	5678
48 T	2.5	7	0.67	0.6	1.6	0.4	2.8	69.5	5908	5823
50 T	2.5	7	0.67	0.6	1.6	0.4	2.8	70.5	6112	6025

INSTRUMENTATION CONTROL CABLES OVERALL SHEILDED

RATED OPERATING VOLTAGE : 150/250 V (300 V)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 376

CABLE OVERALL SCREENED

1. CONDUCTOR MATERIAL : Stranded, annealed, tinned or untinned copper class 2 as per IEC 60228

2. INSULATION MATERIAL : XLPE Insulation

3. OVERALL SHEILDING : Overall shielded with lapped Mylar backed Aluminium tape provided with a stranded, tinned copper drain wire under the shielding tape

4. INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional- other polymeric compounds

5. ARMOUR/ BRAIDING MATERIAL : Annealed Tinned Copper Wire , Optional GI wire, SS wire or Bronze wire

6. OUTERSHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional- other polymeric compoundss



0.5 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELDED ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
2 C	0.5	7	0.30	0.4	1.0	0.2	1.0	10.5	143	138
3 C	0.5	7	0.30	0.4	1.0	0.2	1.0	10.5	154	149
4 C	0.5	7	0.30	0.4	1.0	0.2	1.0	11.0	169	163
5 C	0.5	7	0.30	0.4	1.0	0.2	1.0	11.5	184	177
6 C	0.5	7	0.30	0.4	1.0	0.2	1.1	12.5	206	199
7 C	0.5	7	0.30	0.4	1.0	0.2	1.1	12.5	212	205
8 C	0.5	7	0.30	0.4	1.0	0.2	1.1	13.5	234	226
9 C	0.5	7	0.30	0.4	1.0	0.2	1.1	14.0	250	243
10 C	0.5	7	0.30	0.4	1.0	0.2	1.1	13.5	248	240
11 C	0.5	7	0.30	0.4	1.0	0.2	1.1	13.5	254	247
12 C	0.5	7	0.30	0.4	1.0	0.2	1.1	14.0	265	258
13 C	0.5	7	0.30	0.4	1.0	0.2	1.2	15.5	303	294
14 C	0.5	7	0.30	0.4	1.0	0.2	1.2	15.5	309	300
15 C	0.5	7	0.30	0.4	1.0	0.2	1.2	16.0	324	315
16 C	0.5	7	0.30	0.4	1.0	0.2	1.2	16.0	330	321
17 C	0.5	7	0.30	0.4	1.0	0.2	1.2	16.5	347	338
18 C	0.5	7	0.30	0.4	1.0	0.2	1.2	16.5	353	344
19 C	0.5	7	0.30	0.4	1.0	0.2	1.2	16.5	359	350
20 C	0.5	7	0.30	0.4	1.0	0.2	1.2	17.0	376	367

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
21 C	0.5	7	0.30	0.4	1.0	0.2	1.2	17.0	382	373
22 C	0.5	7	0.30	0.4	1.0	0.2	1.2	18.0	401	391
23 C	0.5	7	0.30	0.4	1.0	0.2	1.2	18.0	407	397
24 C	0.5	7	0.30	0.4	1.0	0.3	1.3	19.0	485	469
25 C	0.5	7	0.30	0.4	1.0	0.3	1.3	19.0	491	475
26 C	0.5	7	0.30	0.4	1.0	0.3	1.3	19.0	497	481
27 C	0.5	7	0.30	0.4	1.0	0.3	1.3	19.5	510	493
28 C	0.5	7	0.30	0.4	1.0	0.3	1.3	20.0	527	510
29 C	0.5	7	0.30	0.4	1.0	0.3	1.3	20.0	533	516
30 C	0.5	7	0.30	0.4	1.0	0.3	1.3	20.0	539	522
31 C	0.5	7	0.30	0.4	1.0	0.3	1.3	20.5	556	538
32 C	0.5	7	0.30	0.4	1.0	0.3	1.3	20.5	562	544
33 C	0.5	7	0.30	0.4	1.0	0.3	1.3	20.5	568	551
34 C	0.5	7	0.30	0.4	1.0	0.3	1.3	21.0	587	569
35 C	0.5	7	0.30	0.4	1.0	0.3	1.3	21.0	593	575
36 C	0.5	7	0.30	0.4	1.0	0.3	1.3	21.0	599	581
37 C	0.5	7	0.30	0.4	1.0	0.3	1.3	21.0	606	587
38 C	0.5	7	0.30	0.4	1.0	0.3	1.4	22.0	634	616
39 C	0.5	7	0.30	0.4	1.0	0.3	1.4	22.0	641	622
40 C	0.5	7	0.30	0.4	1.0	0.3	1.4	22.0	647	628
41 C	0.5	7	0.30	0.4	1.0	0.3	1.4	22.5	668	648
42 C	0.5	7	0.30	0.4	1.0	0.3	1.4	22.5	674	655
43 C	0.5	7	0.30	0.4	1.0	0.3	1.4	22.5	680	661
44 C	0.5	7	0.30	0.4	1.0	0.3	1.4	23.0	699	679
45 C	0.5	7	0.30	0.4	1.0	0.3	1.4	23.0	706	686
46 C	0.5	7	0.30	0.4	1.0	0.3	1.4	23.0	712	692
47 C	0.5	7	0.30	0.4	1.0	0.3	1.4	23.0	718	698
48 C	0.5	7	0.30	0.4	1.0	0.3	1.4	23.5	731	710
52 C	0.5	7	0.30	0.4	1.0	0.3	1.4	24.0	766	746
61 C	0.5	7	0.30	0.4	1.0	0.3	1.5	25.0	857	835

0.75 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELDED ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
2 C	0.75	7	0.37	0.5	1.0	0.2	1.0	11.0	163	157
3 C	0.75	7	0.37	0.5	1.0	0.2	1.0	11.5	179	173
4 C	0.75	7	0.37	0.5	1.0	0.2	1.1	12.5	204	197

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
5 C	0.75	7	0.37	0.5	1.0	0.2	1.1	13.0	223	217
6 C	0.75	7	0.37	0.5	1.0	0.2	1.1	13.5	245	238
7 C	0.75	7	0.37	0.5	1.0	0.2	1.1	13.5	254	247
8 C	0.75	7	0.37	0.5	1.0	0.2	1.1	14.5	281	273
9 C	0.75	7	0.37	0.5	1.0	0.2	1.2	15.5	311	303
10 C	0.75	7	0.37	0.5	1.0	0.2	1.2	15.0	310	301
11 C	0.75	7	0.37	0.5	1.0	0.2	1.2	15.0	319	311
12 C	0.75	7	0.37	0.5	1.0	0.2	1.2	15.5	335	327
13 C	0.75	7	0.37	0.5	1.0	0.2	1.2	17.0	373	364
14 C	0.75	7	0.37	0.5	1.0	0.2	1.2	17.0	382	373
15 C	0.75	7	0.37	0.5	1.0	0.2	1.2	18.0	404	394
16 C	0.75	7	0.37	0.5	1.0	0.2	1.2	18.0	413	403
17 C	0.75	7	0.37	0.5	1.0	0.3	1.3	19.0	496	480
18 C	0.75	7	0.37	0.5	1.0	0.3	1.3	19.0	506	489
19 C	0.75	7	0.37	0.5	1.0	0.3	1.3	19.0	515	499
20 C	0.75	7	0.37	0.5	1.0	0.3	1.3	20.0	541	524
21 C	0.75	7	0.37	0.5	1.0	0.3	1.3	20.0	550	533
22 C	0.75	7	0.37	0.5	1.0	0.3	1.3	20.5	574	557
23 C	0.75	7	0.37	0.5	1.0	0.3	1.3	20.5	584	566
24 C	0.75	7	0.37	0.5	1.0	0.3	1.4	21.5	620	601
25 C	0.75	7	0.37	0.5	1.0	0.3	1.4	21.5	629	610
26 C	0.75	7	0.37	0.5	1.0	0.3	1.4	21.5	638	620
27 C	0.75	7	0.37	0.5	1.0	0.3	1.4	22.0	654	635
28 C	0.75	7	0.37	0.5	1.0	0.3	1.4	22.5	676	657
29 C	0.75	7	0.37	0.5	1.0	0.3	1.4	22.5	685	666
30 C	0.75	7	0.37	0.5	1.0	0.3	1.4	22.5	695	675
31 C	0.75	7	0.37	0.5	1.0	0.3	1.4	23.5	719	699
32 C	0.75	7	0.37	0.5	1.0	0.3	1.4	23.5	728	708
33 C	0.75	7	0.37	0.5	1.0	0.3	1.4	23.5	738	717
34 C	0.75	7	0.37	0.5	1.0	0.3	1.4	24.0	762	741
35 C	0.75	7	0.37	0.5	1.0	0.3	1.4	24.0	771	751
36 C	0.75	7	0.37	0.5	1.0	0.3	1.4	24.0	781	760
37 C	0.75	7	0.37	0.5	1.0	0.3	1.4	24.0	790	769
38 C	0.75	7	0.37	0.5	1.0	0.3	1.5	25.0	828	806
39 C	0.75	7	0.37	0.5	1.0	0.3	1.5	25.0	837	815
40 C	0.75	7	0.37	0.5	1.0	0.3	1.5	25.0	846	825
41 C	0.75	7	0.37	0.5	1.0	0.3	1.5	25.5	871	849
42 C	0.75	7	0.37	0.5	1.0	0.3	1.5	25.5	881	858
43 C	0.75	7	0.37	0.5	1.0	0.3	1.5	25.5	890	867
44 C	0.75	7	0.37	0.5	1.0	0.3	1.5	26.5	917	894
45 C	0.75	7	0.37	0.5	1.0	0.3	1.5	26.5	926	903
46 C	0.75	7	0.37	0.5	1.0	0.3	1.5	26.5	935	912
47 C	0.75	7	0.37	0.5	1.0	0.3	1.5	26.5	945	921
48 C	0.75	7	0.37	0.5	1.0	0.3	1.5	27.0	960	937
52 C	0.75	7	0.37	0.5	1.0	0.3	1.5	27.5	1011	986
61 C	0.75	7	0.37	0.5	1.0	0.3	1.6	29.0	1138	1113

1.0 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELDED ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
2 C	1	7	0.43	0.5	1.0	0.2	1.0	11.5	175	169
3 C	1	7	0.43	0.5	1.0	0.2	1.1	12.0	199	192
4 C	1	7	0.43	0.5	1.0	0.2	1.1	13.0	223	216
5 C	1	7	0.43	0.5	1.0	0.2	1.1	13.5	247	239
6 C	1	7	0.43	0.5	1.0	0.2	1.1	14.5	271	263
7 C	1	7	0.43	0.5	1.0	0.2	1.1	14.5	282	275
8 C	1	7	0.43	0.5	1.0	0.2	1.2	15.5	321	312
9 C	1	7	0.43	0.5	1.0	0.2	1.2	16.5	348	339
10 C	1	7	0.43	0.5	1.0	0.2	1.2	16.0	348	339
11 C	1	7	0.43	0.5	1.0	0.2	1.2	16.0	359	351
12 C	1	7	0.43	0.5	1.0	0.2	1.2	16.5	380	371
13 C	1	7	0.43	0.5	1.0	0.3	1.3	18.5	482	466
14 C	1	7	0.43	0.5	1.0	0.3	1.3	18.5	494	478
15 C	1	7	0.43	0.5	1.0	0.3	1.3	19.5	522	506
16 C	1	7	0.43	0.5	1.0	0.3	1.3	19.5	534	518
17 C	1	7	0.43	0.5	1.0	0.3	1.3	20.0	561	544
18 C	1	7	0.43	0.5	1.0	0.3	1.3	20.0	573	555
19 C	1	7	0.43	0.5	1.0	0.3	1.3	20.0	584	567
20 C	1	7	0.43	0.5	1.0	0.3	1.3	21.0	613	595
21 C	1	7	0.43	0.5	1.0	0.3	1.3	21.0	625	607
22 C	1	7	0.43	0.5	1.0	0.3	1.4	22.0	666	647
23 C	1	7	0.43	0.5	1.0	0.3	1.4	22.0	678	659
24 C	1	7	0.43	0.5	1.0	0.3	1.4	23.0	707	687
25 C	1	7	0.43	0.5	1.0	0.3	1.4	23.0	719	699
26 C	1	7	0.43	0.5	1.0	0.3	1.4	23.0	731	711
27 C	1	7	0.43	0.5	1.0	0.3	1.4	23.5	751	731
28 C	1	7	0.43	0.5	1.0	0.3	1.4	24.0	776	755
29 C	1	7	0.43	0.5	1.0	0.3	1.4	24.0	788	767
30 C	1	7	0.43	0.5	1.0	0.3	1.4	24.0	800	779
31 C	1	7	0.43	0.5	1.0	0.3	1.5	25.0	840	818
32 C	1	7	0.43	0.5	1.0	0.3	1.5	25.0	852	830
33 C	1	7	0.43	0.5	1.0	0.3	1.5	25.0	864	842
34 C	1	7	0.43	0.5	1.0	0.3	1.5	25.5	891	869
35 C	1	7	0.43	0.5	1.0	0.3	1.5	25.5	903	881
36 C	1	7	0.43	0.5	1.0	0.3	1.5	25.5	915	892
37 C	1	7	0.43	0.5	1.0	0.3	1.5	25.5	927	904
38 C	1	7	0.43	0.5	1.0	0.3	1.5	26.5	956	933
39 C	1	7	0.43	0.5	1.0	0.3	1.5	26.5	968	945
40 C	1	7	0.43	0.5	1.0	0.3	1.5	26.5	980	956
41 C	1	7	0.43	0.5	1.0	0.3	1.5	27.5	1011	987
42 C	1	7	0.43	0.5	1.0	0.3	1.5	27.5	1023	999

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
43 C	1	7	0.43	0.5	1.0	0.3	1.5	27.5	1035	1011
44 C	1	7	0.43	0.5	1.0	0.3	1.6	28.5	1077	1053
45 C	1	7	0.43	0.5	1.0	0.3	1.6	28.5	1089	1064
46 C	1	7	0.43	0.5	1.0	0.3	1.6	28.5	1101	1076
47 C	1	7	0.43	0.5	1.0	0.3	1.6	28.5	1113	1088
48 C	1	7	0.43	0.5	1.0	0.3	1.6	28.5	1134	1108
52 C	1	7	0.43	0.5	1.0	0.3	1.6	29.5	1194	1169
61 C	1	7	0.43	0.5	1.0	0.3	1.6	31.0	1334	1307

1.5 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELDED ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
2 C	1.5	7	0.53	0.6	1.0	0.2	1.1	13.0	209	202
3 C	1.5	7	0.53	0.6	1.0	0.2	1.1	13.5	235	228
4 C	1.5	7	0.53	0.6	1.0	0.2	1.1	14.0	267	259
5 C	1.5	7	0.53	0.6	1.0	0.2	1.2	15.0	305	297
6 C	1.5	7	0.53	0.6	1.0	0.2	1.2	16.0	339	330
7 C	1.5	7	0.53	0.6	1.0	0.2	1.2	16.0	356	348
8 C	1.5	7	0.53	0.6	1.0	0.2	1.2	17.5	399	389
9 C	1.5	7	0.53	0.6	1.0	0.3	1.3	19.0	495	479
10 C	1.5	7	0.53	0.6	1.0	0.3	1.3	18.0	494	478
11 C	1.5	7	0.53	0.6	1.0	0.3	1.3	18.0	511	496
12 C	1.5	7	0.53	0.6	1.0	0.3	1.3	19.0	541	526
13 C	1.5	7	0.53	0.6	1.0	0.3	1.4	21.0	613	595
14 C	1.5	7	0.53	0.6	1.0	0.3	1.4	21.0	631	613
15 C	1.5	7	0.53	0.6	1.0	0.3	1.4	22.0	668	649
16 C	1.5	7	0.53	0.6	1.0	0.3	1.4	22.0	685	667
17 C	1.5	7	0.53	0.6	1.0	0.3	1.4	23.0	723	703
18 C	1.5	7	0.53	0.6	1.0	0.3	1.4	23.0	740	720
19 C	1.5	7	0.53	0.6	1.0	0.3	1.4	23.0	758	738
20 C	1.5	7	0.53	0.6	1.0	0.3	1.4	24.0	797	776
21 C	1.5	7	0.53	0.6	1.0	0.3	1.4	24.0	815	794
22 C	1.5	7	0.53	0.6	1.0	0.3	1.5	25.0	865	843
23 C	1.5	7	0.53	0.6	1.0	0.3	1.5	25.0	883	861
24 C	1.5	7	0.53	0.6	1.0	0.3	1.5	26.0	923	900
25 C	1.5	7	0.53	0.6	1.0	0.3	1.5	26.0	940	917
26 C	1.5	7	0.53	0.6	1.0	0.3	1.5	26.0	958	935

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
27 C	1.5	7	0.53	0.6	1.0	0.3	1.5	26.5	986	963
28 C	1.5	7	0.53	0.6	1.0	0.3	1.6	27.5	1032	1008
29 C	1.5	7	0.53	0.6	1.0	0.3	1.6	27.5	1050	1025
30 C	1.5	7	0.53	0.6	1.0	0.3	1.6	27.5	1067	1043
31 C	1.5	7	0.53	0.6	1.0	0.3	1.6	28.5	1105	1080
32 C	1.5	7	0.53	0.6	1.0	0.3	1.6	28.5	1123	1098
33 C	1.5	7	0.53	0.6	1.0	0.3	1.6	28.5	1140	1115
34 C	1.5	7	0.53	0.6	1.0	0.3	1.6	29.5	1178	1152
35 C	1.5	7	0.53	0.6	1.0	0.3	1.6	29.5	1196	1170
36 C	1.5	7	0.53	0.6	1.0	0.3	1.6	29.5	1213	1188
37 C	1.5	7	0.53	0.6	1.0	0.3	1.6	29.5	1231	1205
38 C	1.5	7	0.53	0.6	1.0	0.3	1.7	30.5	1285	1258
39 C	1.5	7	0.53	0.6	1.0	0.3	1.7	30.5	1303	1276
40 C	1.5	7	0.53	0.6	1.0	0.3	1.7	30.5	1320	1293
41 C	1.5	7	0.53	0.6	1.0	0.3	1.7	31.5	1361	1333
42 C	1.5	7	0.53	0.6	1.0	0.3	1.7	31.5	1379	1351
43 C	1.5	7	0.53	0.6	1.0	0.3	1.7	31.5	1396	1368
44 C	1.5	7	0.53	0.6	1.0	0.3	1.7	32.5	1437	1408
45 C	1.5	7	0.53	0.6	1.0	0.3	1.7	32.5	1454	1426
46 C	1.5	7	0.53	0.6	1.0	0.3	1.7	32.5	1472	1443
47 C	1.5	7	0.53	0.6	1.0	0.3	1.7	32.5	1490	1461
48 C	1.5	7	0.53	0.6	1.0	0.3	1.7	33.0	1519	1489
52 C	1.5	7	0.53	0.6	1.0	0.3	1.8	34.0	1621	1590
61 C	1.5	7	0.53	0.6	1.0	0.3	1.8	35.5	1821	1789

2.5 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELDED ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
2 C	2.5	7	0.67	0.6	1.0	0.2	1.1	13.5	240	232
3 C	2.5	7	0.67	0.6	1.0	0.2	1.1	14.0	275	267
4 C	2.5	7	0.67	0.6	1.0	0.2	1.2	15.0	325	317
5 C	2.5	7	0.67	0.6	1.0	0.2	1.2	16.0	369	360
6 C	2.5	7	0.67	0.6	1.0	0.2	1.2	17.0	413	404
7 C	2.5	7	0.67	0.6	1.0	0.2	1.2	17.0	439	430
8 C	2.5	7	0.67	0.6	1.0	0.3	1.3	19.5	554	538
9 C	2.5	7	0.67	0.6	1.0	0.3	1.3	20.5	606	588
10 C	2.5	7	0.67	0.6	1.0	0.3	1.4	20.0	620	603

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
11 C	2.5	7	0.67	0.6	1.0	0.3	1.4	20.0	646	629
12 C	2.5	7	0.67	0.6	1.0	0.3	1.4	20.5	687	670
13 C	2.5	7	0.67	0.6	1.0	0.3	1.4	23.0	765	745
14 C	2.5	7	0.67	0.6	1.0	0.3	1.4	23.0	791	771
15 C	2.5	7	0.67	0.6	1.0	0.3	1.5	24.0	850	829
16 C	2.5	7	0.67	0.6	1.0	0.3	1.5	24.0	876	855
17 C	2.5	7	0.67	0.6	1.0	0.3	1.5	25.0	924	903
18 C	2.5	7	0.67	0.6	1.0	0.3	1.5	25.0	951	929
19 C	2.5	7	0.67	0.6	1.0	0.3	1.5	25.0	977	955
20 C	2.5	7	0.67	0.6	1.0	0.3	1.5	26.0	1027	1004
21 C	2.5	7	0.67	0.6	1.0	0.3	1.5	26.0	1053	1030
22 C	2.5	7	0.67	0.6	1.0	0.3	1.6	27.5	1118	1094
23 C	2.5	7	0.67	0.6	1.0	0.3	1.6	27.5	1144	1120
24 C	2.5	7	0.67	0.6	1.0	0.3	1.6	28.5	1195	1170
25 C	2.5	7	0.67	0.6	1.0	0.3	1.6	28.5	1222	1196
26 C	2.5	7	0.67	0.6	1.0	0.3	1.6	28.5	1248	1222
27 C	2.5	7	0.67	0.6	1.0	0.3	1.6	29.0	1285	1259
28 C	2.5	7	0.67	0.6	1.0	0.3	1.7	30.5	1346	1319
29 C	2.5	7	0.67	0.6	1.0	0.3	1.7	30.5	1372	1345
30 C	2.5	7	0.67	0.6	1.0	0.3	1.7	30.5	1398	1371
31 C	2.5	7	0.67	0.6	1.0	0.3	1.7	31.5	1447	1419
32 C	2.5	7	0.67	0.6	1.0	0.3	1.7	31.5	1473	1445
33 C	2.5	7	0.67	0.6	1.0	0.3	1.7	31.5	1499	1472
34 C	2.5	7	0.67	0.6	1.0	0.3	1.7	32.5	1548	1520
35 C	2.5	7	0.67	0.6	1.0	0.3	1.7	32.5	1575	1546
36 C	2.5	7	0.67	0.6	1.0	0.3	1.7	32.5	1601	1572
37 C	2.5	7	0.67	0.6	1.0	0.3	1.7	32.5	1627	1598
38 C	2.5	7	0.67	0.6	1.0	0.3	1.8	33.5	1694	1664
39 C	2.5	7	0.67	0.6	1.0	0.3	1.8	33.5	1720	1690
40 C	2.5	7	0.67	0.6	1.0	0.3	1.8	33.5	1746	1716
41 C	2.5	7	0.67	0.6	1.0	0.3	1.8	35.0	1800	1769
42 C	2.5	7	0.67	0.6	1.0	0.3	1.8	35.0	1826	1795
43 C	2.5	7	0.67	0.6	1.0	0.3	1.8	35.0	1852	1821
44 C	2.5	7	0.67	0.6	1.0	0.3	1.9	36.0	1921	1889
45 C	2.5	7	0.67	0.6	1.0	0.3	1.9	36.0	1947	1915
46 C	2.5	7	0.67	0.6	1.0	0.3	1.9	36.0	1973	1941
47 C	2.5	7	0.67	0.6	1.0	0.3	1.9	36.0	1999	1967
48 C	2.5	7	0.67	0.6	1.0	0.3	1.9	36.5	2037	2005
52 C	2.5	7	0.67	0.6	1.2	0.3	1.9	38.0	2200	2166
61 C	2.5	7	0.67	0.6	1.2	0.3	2.0	40.0	2503	2467

INSTRUMENTATION CABLES OVERALL SHEILDED

RATED OPERATING VOLTAGE : 150/250 V (300 V)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 376

CABLE OVERALL SCREENED

1. CONDUCTOR MATERIAL : Stranded, annealed, tinned or untinned copper class 2 as per IEC 60228

2. INSULATION MATERIAL : XLPE Insulation

LAY UP : Cores twisted to form a pair or triad, Twisted pairs or triads laid up

3. INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional- othe polymeric compounds

4. ARMOUR/ BRAIDING MATERIAL : Annealed Tinned Copper Wire, Optional GI wire, SS wire o Bronze wire

5. OUTERSHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional- other polymeric compounds



0.5 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	0.5	7	0.30	0.4	1.0	0.2	1.0	9.5	118	113
2 P	0.5	7	0.30	0.4	1.0	0.2	1.1	12.5	182	176
3 P	0.5	7	0.30	0.4	1.0	0.2	1.1	13.0	201	194
4 P	0.5	7	0.30	0.4	1.0	0.2	1.1	14.0	228	220
5 P	0.5	7	0.30	0.4	1.0	0.2	1.2	15.0	265	257
6 P	0.5	7	0.30	0.4	1.0	0.2	1.2	15.5	284	276
7 P	0.5	7	0.30	0.4	1.0	0.2	1.2	15.5	297	288
8 P	0.5	7	0.30	0.4	1.0	0.2	1.2	16.5	327	318
9 P	0.5	7	0.30	0.4	1.0	0.3	1.3	18.0	411	396
10 P	0.5	7	0.30	0.4	1.0	0.3	1.3	19.0	443	427
11 P	0.5	7	0.30	0.4	1.0	0.3	1.3	19.0	458	441
12 P	0.5	7	0.30	0.4	1.0	0.3	1.3	19.5	478	461
13 P	0.5	7	0.30	0.4	1.0	0.3	1.4	20.0	503	486
14 P	0.5	7	0.30	0.4	1.0	0.3	1.4	20.5	528	511
15 P	0.5	7	0.30	0.4	1.0	0.3	1.4	21.0	549	531
16 P	0.5	7	0.30	0.4	1.0	0.3	1.4	21.5	576	557
17 P	0.5	7	0.30	0.4	1.0	0.3	1.4	22.0	592	573
18 P	0.5	7	0.30	0.4	1.0	0.3	1.4	22.0	609	590
19 P	0.5	7	0.30	0.4	1.0	0.3	1.4	22.5	629	610
20 P	0.5	7	0.30	0.4	1.0	0.3	1.5	23.5	664	644

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
21 P	0.5	7	0.30	0.4	1.0	0.3	1.5	23.5	683	663
22 P	0.5	7	0.30	0.4	1.0	0.3	1.5	24.0	704	683
23 P	0.5	7	0.30	0.4	1.0	0.3	1.5	24.5	725	704
24 P	0.5	7	0.30	0.4	1.0	0.3	1.5	25.0	745	724
25 P	0.5	7	0.30	0.4	1.0	0.3	1.5	25.0	766	744
26 P	0.5	7	0.30	0.4	1.0	0.3	1.5	25.5	785	763
27 P	0.5	7	0.30	0.4	1.0	0.3	1.5	26.0	806	783
28 P	0.5	7	0.30	0.4	1.0	0.3	1.6	26.5	836	813
29 P	0.5	7	0.30	0.4	1.0	0.3	1.6	26.5	855	832
30 P	0.5	7	0.30	0.4	1.0	0.3	1.6	27.0	876	852
31 P	0.5	7	0.30	0.4	1.0	0.3	1.6	27.5	895	871
32 P	0.5	7	0.30	0.4	1.0	0.3	1.6	27.5	914	889
33 P	0.5	7	0.30	0.4	1.0	0.3	1.6	28.0	933	908
34 P	0.5	7	0.30	0.4	1.0	0.3	1.6	28.5	954	929
35 P	0.5	7	0.30	0.4	1.0	0.3	1.6	28.5	972	947
36 P	0.5	7	0.30	0.4	1.0	0.3	1.6	29.0	991	966
37 P	0.5	7	0.30	0.4	1.0	0.3	1.6	29.5	1010	984
38 P	0.5	7	0.30	0.4	1.0	0.3	1.7	29.5	1040	1014
39 P	0.5	7	0.30	0.4	1.0	0.3	1.7	30.0	1061	1035
40 P	0.5	7	0.30	0.4	1.0	0.3	1.7	30.5	1078	1051
41 P	0.5	7	0.30	0.4	1.0	0.3	1.7	30.5	1097	1070
42 P	0.5	7	0.30	0.4	1.0	0.3	1.7	31.0	1116	1089
43 P	0.5	7	0.30	0.4	1.0	0.3	1.7	31.0	1135	1107
44 P	0.5	7	0.30	0.4	1.0	0.3	1.7	31.5	1152	1124
45 P	0.5	7	0.30	0.4	1.0	0.3	1.7	31.5	1171	1143
46 P	0.5	7	0.30	0.4	1.0	0.3	1.7	32.0	1190	1161
47 P	0.5	7	0.30	0.4	1.0	0.3	1.7	32.5	1209	1180
48 P	0.5	7	0.30	0.4	1.0	0.3	1.7	32.5	1225	1196
50 P	0.5	7	0.30	0.4	1.0	0.3	1.8	33.0	1276	1247

0.5 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	0.5	7	0.30	0.4	1.0	0.2	1.0	9.5	129	124
2 T	0.5	7	0.30	0.4	1.0	0.2	1.1	13.5	212	205
3 T	0.5	7	0.30	0.4	1.0	0.2	1.1	14.0	241	233
4 T	0.5	7	0.30	0.4	1.0	0.2	1.2	15.5	283	274

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
5 T	0.5	7	0.30	0.4	1.0	0.2	1.2	16.5	320	310
6 T	0.5	7	0.30	0.4	1.0	0.2	1.2	17.5	358	348
7 T	0.5	7	0.30	0.4	1.0	0.2	1.2	17.5	377	367
8 T	0.5	7	0.30	0.4	1.0	0.3	1.3	20.0	490	473
9 T	0.5	7	0.30	0.4	1.0	0.3	1.4	21.5	545	526
10 T	0.5	7	0.30	0.4	1.0	0.3	1.4	20.5	538	521
11 T	0.5	7	0.30	0.4	1.0	0.3	1.4	21.5	573	555
12 T	0.5	7	0.30	0.4	1.0	0.3	1.4	21.5	592	574
13 T	0.5	7	0.30	0.4	1.0	0.3	1.4	24.0	668	647
14 T	0.5	7	0.30	0.4	1.0	0.3	1.4	24.0	687	666
15 T	0.5	7	0.30	0.4	1.0	0.3	1.5	25.5	740	717
16 T	0.5	7	0.30	0.4	1.0	0.3	1.5	25.5	758	736
17 T	0.5	7	0.30	0.4	1.0	0.3	1.5	26.5	802	779
18 T	0.5	7	0.30	0.4	1.0	0.3	1.5	26.5	820	797
19 T	0.5	7	0.30	0.4	1.0	0.3	1.5	26.5	839	816
20 T	0.5	7	0.30	0.4	1.0	0.3	1.5	28.0	885	860
21 T	0.5	7	0.30	0.4	1.0	0.3	1.5	28.0	903	879
22 T	0.5	7	0.30	0.4	1.0	0.3	1.6	29.5	963	937
23 T	0.5	7	0.30	0.4	1.0	0.3	1.6	29.5	981	955
24 T	0.5	7	0.30	0.4	1.0	0.3	1.6	30.5	1028	1000
25 T	0.5	7	0.30	0.4	1.0	0.3	1.6	30.5	1046	1019
26 T	0.5	7	0.30	0.4	1.0	0.3	1.6	30.5	1065	1037
27 T	0.5	7	0.30	0.4	1.0	0.3	1.6	31.5	1096	1068
28 T	0.5	7	0.30	0.4	1.0	0.3	1.7	32.5	1151	1122
29 T	0.5	7	0.30	0.4	1.0	0.3	1.7	32.5	1170	1141
30 T	0.5	7	0.30	0.4	1.0	0.3	1.7	32.5	1188	1159
31 T	0.5	7	0.30	0.4	1.0	0.3	1.7	33.5	1231	1201
32 T	0.5	7	0.30	0.4	1.0	0.3	1.7	33.5	1250	1219
33 T	0.5	7	0.30	0.4	1.0	0.3	1.7	33.5	1268	1238
34 T	0.5	7	0.30	0.4	1.0	0.3	1.7	35.0	1313	1282
35 T	0.5	7	0.30	0.4	1.0	0.3	1.7	35.0	1332	1300
36 T	0.5	7	0.30	0.4	1.0	0.3	1.7	35.0	1350	1319
37 T	0.5	7	0.30	0.4	1.0	0.3	1.7	35.0	1368	1337
38 T	0.5	7	0.30	0.4	1.0	0.3	1.8	36.5	1432	1400
39 T	0.5	7	0.30	0.4	1.0	0.3	1.8	36.5	1451	1418
40 T	0.5	7	0.30	0.4	1.0	0.3	1.8	36.5	1469	1437
41 T	0.5	7	0.30	0.4	1.0	0.3	1.8	37.5	1517	1483
42 T	0.5	7	0.30	0.4	1.0	0.3	1.8	37.5	1536	1502
43 T	0.5	7	0.30	0.4	1.0	0.3	1.8	37.5	1554	1520
44 T	0.5	7	0.30	0.4	1.0	0.3	1.9	39.0	1620	1584
45 T	0.5	7	0.30	0.4	1.0	0.3	1.9	39.0	1638	1603
46 T	0.5	7	0.30	0.4	1.0	0.3	1.9	39.0	1657	1621
47 T	0.5	7	0.30	0.4	1.0	0.3	1.9	39.0	1675	1640
48 T	0.5	7	0.30	0.4	1.0	0.3	1.9	39.5	1707	1672
50 T	0.5	7	0.30	0.4	1.2	0.3	1.9	41.0	1802	1765

0.75 SQ MM XLPE INSULATED,OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	0.75	7	0.37	0.5	1.0	0.2	1.0	10.0	137	132
2 P	0.75	7	0.37	0.5	1.0	0.2	1.1	14.0	217	210
3 P	0.75	7	0.37	0.5	1.0	0.2	1.1	14.5	244	236
4 P	0.75	7	0.37	0.5	1.0	0.2	1.2	15.5	288	279
5 P	0.75	7	0.37	0.5	1.0	0.2	1.2	17.0	328	319
6 P	0.75	7	0.37	0.5	1.0	0.3	1.3	18.0	413	398
7 P	0.75	7	0.37	0.5	1.0	0.3	1.3	18.0	431	416
8 P	0.75	7	0.37	0.5	1.0	0.3	1.3	19.5	478	461
9 P	0.75	7	0.37	0.5	1.0	0.3	1.4	20.5	524	506
10 P	0.75	7	0.37	0.5	1.0	0.3	1.4	22.0	567	548
11 P	0.75	7	0.37	0.5	1.0	0.3	1.4	22.0	590	571
12 P	0.75	7	0.37	0.5	1.0	0.3	1.4	22.5	617	597
13 P	0.75	7	0.37	0.5	1.0	0.3	1.5	23.0	652	632
14 P	0.75	7	0.37	0.5	1.0	0.3	1.5	23.5	685	665
15 P	0.75	7	0.37	0.5	1.0	0.3	1.5	24.0	712	691
16 P	0.75	7	0.37	0.5	1.0	0.3	1.5	25.0	750	728
17 P	0.75	7	0.37	0.5	1.0	0.3	1.5	25.5	775	752
18 P	0.75	7	0.37	0.5	1.0	0.3	1.5	25.5	797	775
19 P	0.75	7	0.37	0.5	1.0	0.3	1.5	26.0	826	804
20 P	0.75	7	0.37	0.5	1.0	0.3	1.6	27.0	872	848
21 P	0.75	7	0.37	0.5	1.0	0.3	1.6	27.5	899	875
22 P	0.75	7	0.37	0.5	1.0	0.3	1.6	28.0	928	904
23 P	0.75	7	0.37	0.5	1.0	0.3	1.6	28.5	958	933
24 P	0.75	7	0.37	0.5	1.0	0.3	1.7	29.0	998	972
25 P	0.75	7	0.37	0.5	1.0	0.3	1.7	29.5	1027	1002
26 P	0.75	7	0.37	0.5	1.0	0.3	1.7	30.0	1055	1028
27 P	0.75	7	0.37	0.5	1.0	0.3	1.7	30.0	1082	1055
28 P	0.75	7	0.37	0.5	1.0	0.3	1.7	30.5	1109	1082
29 P	0.75	7	0.37	0.5	1.0	0.3	1.7	31.0	1137	1109
30 P	0.75	7	0.37	0.5	1.0	0.3	1.7	31.5	1164	1136
31 P	0.75	7	0.37	0.5	1.0	0.3	1.7	32.0	1191	1163
32 P	0.75	7	0.37	0.5	1.0	0.3	1.7	32.0	1219	1190
33 P	0.75	7	0.37	0.5	1.0	0.3	1.7	32.5	1246	1217
34 P	0.75	7	0.37	0.5	1.0	0.3	1.8	33.0	1288	1259
35 P	0.75	7	0.37	0.5	1.0	0.3	1.8	33.5	1316	1286
36 P	0.75	7	0.37	0.5	1.0	0.3	1.8	34.0	1341	1311
37 P	0.75	7	0.37	0.5	1.0	0.3	1.8	34.5	1369	1338
38 P	0.75	7	0.37	0.5	1.0	0.3	1.8	34.5	1394	1363
39 P	0.75	7	0.37	0.5	1.0	0.3	1.8	35.0	1421	1390
40 P	0.75	7	0.37	0.5	1.0	0.3	1.8	35.5	1447	1415

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
41 P	0.75	7	0.37	0.5	1.0	0.3	1.9	36.0	1491	1459
42 P	0.75	7	0.37	0.5	1.0	0.3	1.9	36.0	1516	1484
43 P	0.75	7	0.37	0.5	1.0	0.3	1.9	36.5	1544	1511
44 P	0.75	7	0.37	0.5	1.2	0.3	1.9	37.5	1605	1572
45 P	0.75	7	0.37	0.5	1.2	0.3	1.9	37.5	1631	1597
46 P	0.75	7	0.37	0.5	1.2	0.3	1.9	38.0	1657	1623
47 P	0.75	7	0.37	0.5	1.2	0.3	1.9	38.5	1685	1650
48 P	0.75	7	0.37	0.5	1.2	0.3	1.9	38.5	1710	1676
50 P	0.75	7	0.37	0.5	1.2	0.3	2.0	39.5	1780	1744

0.75 SQ MM XLPE INSULATED,OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	0.75	7	0.37	0.5	1.0	0.2	1.0	10.5	152	147
2 T	0.75	7	0.37	0.5	1.0	0.2	1.2	15.5	264	256
3 T	0.75	7	0.37	0.5	1.0	0.2	1.2	16.0	305	296
4 T	0.75	7	0.37	0.5	1.0	0.2	1.2	17.5	353	344
5 T	0.75	7	0.37	0.5	1.0	0.3	1.3	19.5	465	448
6 T	0.75	7	0.37	0.5	1.0	0.3	1.3	21.0	523	505
7 T	0.75	7	0.37	0.5	1.0	0.3	1.3	21.0	550	532
8 T	0.75	7	0.37	0.5	1.0	0.3	1.4	23.0	631	611
9 T	0.75	7	0.37	0.5	1.0	0.3	1.4	25.0	692	670
10 T	0.75	7	0.37	0.5	1.0	0.3	1.5	23.5	702	681
11 T	0.75	7	0.37	0.5	1.0	0.3	1.5	24.5	750	729
12 T	0.75	7	0.37	0.5	1.0	0.3	1.5	24.5	778	757
13 T	0.75	7	0.37	0.5	1.0	0.3	1.5	28.0	876	851
14 T	0.75	7	0.37	0.5	1.0	0.3	1.5	28.0	903	879
15 T	0.75	7	0.37	0.5	1.0	0.3	1.6	29.5	974	948
16 T	0.75	7	0.37	0.5	1.0	0.3	1.6	29.5	1002	976
17 T	0.75	7	0.37	0.5	1.0	0.3	1.6	31.0	1060	1032
18 T	0.75	7	0.37	0.5	1.0	0.3	1.6	31.0	1088	1060
19 T	0.75	7	0.37	0.5	1.0	0.3	1.6	31.0	1115	1088
20 T	0.75	7	0.37	0.5	1.0	0.3	1.7	32.5	1193	1163
21 T	0.75	7	0.37	0.5	1.0	0.3	1.7	32.5	1220	1191
22 T	0.75	7	0.37	0.5	1.0	0.3	1.7	34.5	1284	1253
23 T	0.75	7	0.37	0.5	1.0	0.3	1.7	34.5	1311	1281
24 T	0.75	7	0.37	0.5	1.0	0.3	1.8	36.0	1388	1356
25 T	0.75	7	0.37	0.5	1.0	0.3	1.8	36.0	1416	1384
26 T	0.75	7	0.37	0.5	1.0	0.3	1.8	36.0	1444	1412

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
27 T	0.75	7	0.37	0.5	1.0	0.3	1.8	36.5	1488	1455
28 T	0.75	7	0.37	0.5	1.0	0.3	1.8	38.0	1544	1510
29 T	0.75	7	0.37	0.5	1.0	0.3	1.8	38.0	1572	1538
30 T	0.75	7	0.37	0.5	1.0	0.3	1.8	38.0	1600	1566
31 T	0.75	7	0.37	0.5	1.0	0.3	1.9	39.5	1675	1639
32 T	0.75	7	0.37	0.5	1.0	0.3	1.9	39.5	1703	1667
33 T	0.75	7	0.37	0.5	1.0	0.3	1.9	39.5	1731	1695
34 T	0.75	7	0.37	0.5	1.2	0.3	1.9	41.5	1830	1793
35 T	0.75	7	0.37	0.5	1.2	0.3	1.9	41.5	1858	1821
36 T	0.75	7	0.37	0.5	1.2	0.3	1.9	41.5	1886	1848
37 T	0.75	7	0.37	0.5	1.2	0.3	1.9	41.5	1914	1876
38 T	0.75	7	0.37	0.5	1.2	0.3	2.0	43.0	1999	1960
39 T	0.75	7	0.37	0.5	1.2	0.3	2.0	43.0	2027	1988
40 T	0.75	7	0.37	0.5	1.2	0.3	2.0	43.0	2055	2016
41 T	0.75	7	0.37	0.5	1.2	0.3	2.0	44.5	2121	2081
42 T	0.75	7	0.37	0.5	1.2	0.3	2.0	44.5	2149	2109
43 T	0.75	7	0.37	0.5	1.2	0.3	2.0	44.5	2177	2136
44 T	0.75	7	0.37	0.5	1.2	0.3	2.1	46.5	2265	2223
45 T	0.75	7	0.37	0.5	1.2	0.3	2.1	46.5	2293	2250
46 T	0.75	7	0.37	0.5	1.2	0.3	2.1	46.5	2321	2278
47 T	0.75	7	0.37	0.5	1.2	0.3	2.1	46.5	2348	2306
48 T	0.75	7	0.37	0.5	1.2	0.4	2.1	47.5	2527	2469
50 T	0.75	7	0.37	0.5	1.2	0.4	2.1	48.5	2608	2548

1.00 SQ MM XLPE INSULATED,OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	1	7	0.43	0.5	1.0	0.2	1.0	10.5	148	143
2 P	1	7	0.43	0.5	1.0	0.2	1.1	14.5	239	231
3 P	1	7	0.43	0.5	1.0	0.2	1.2	15.5	279	271
4 P	1	7	0.43	0.5	1.0	0.2	1.2	16.5	321	312
5 P	1	7	0.43	0.5	1.0	0.3	1.3	18.5	430	414
6 P	1	7	0.43	0.5	1.0	0.3	1.3	19.0	463	447
7 P	1	7	0.43	0.5	1.0	0.3	1.3	19.0	487	471
8 P	1	7	0.43	0.5	1.0	0.3	1.4	21.0	550	533
9 P	1	7	0.43	0.5	1.0	0.3	1.4	22.0	595	576
10 P	1	7	0.43	0.5	1.0	0.3	1.4	23.0	645	625
11 P	1	7	0.43	0.5	1.0	0.3	1.4	23.5	673	653
12 P	1	7	0.43	0.5	1.0	0.3	1.5	24.0	718	697

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
13 P	1	7	0.43	0.5	1.0	0.3	1.5	24.5	748	727
14 P	1	7	0.43	0.5	1.0	0.3	1.5	25.0	786	764
15 P	1	7	0.43	0.5	1.0	0.3	1.5	25.5	820	798
16 P	1	7	0.43	0.5	1.0	0.3	1.5	26.5	865	842
17 P	1	7	0.43	0.5	1.0	0.3	1.6	27.0	907	884
18 P	1	7	0.43	0.5	1.0	0.3	1.6	27.5	935	911
19 P	1	7	0.43	0.5	1.0	0.3	1.6	28.0	970	945
20 P	1	7	0.43	0.5	1.0	0.3	1.6	28.5	1011	985
21 P	1	7	0.43	0.5	1.0	0.3	1.6	29.0	1045	1019
22 P	1	7	0.43	0.5	1.0	0.3	1.7	30.0	1093	1067
23 P	1	7	0.43	0.5	1.0	0.3	1.7	30.5	1128	1101
24 P	1	7	0.43	0.5	1.0	0.3	1.7	31.0	1162	1135
25 P	1	7	0.43	0.5	1.0	0.3	1.7	31.5	1197	1169
26 P	1	7	0.43	0.5	1.0	0.3	1.7	31.5	1229	1201
27 P	1	7	0.43	0.5	1.0	0.3	1.7	32.0	1264	1235
28 P	1	7	0.43	0.5	1.0	0.3	1.8	33.0	1311	1282
29 P	1	7	0.43	0.5	1.0	0.3	1.8	33.5	1346	1317
30 P	1	7	0.43	0.5	1.0	0.3	1.8	33.5	1379	1349
31 P	1	7	0.43	0.5	1.0	0.3	1.8	34.0	1414	1383
32 P	1	7	0.43	0.5	1.0	0.3	1.8	34.5	1446	1416
33 P	1	7	0.43	0.5	1.0	0.3	1.8	35.0	1479	1448
34 P	1	7	0.43	0.5	1.0	0.3	1.9	35.5	1528	1496
35 P	1	7	0.43	0.5	1.0	0.3	1.9	36.0	1561	1529
36 P	1	7	0.43	0.5	1.0	0.3	1.9	36.5	1594	1561
37 P	1	7	0.43	0.5	1.0	0.3	1.9	37.0	1626	1593
38 P	1	7	0.43	0.5	1.2	0.3	1.9	37.5	1695	1662
39 P	1	7	0.43	0.5	1.2	0.3	1.9	38.0	1728	1694
40 P	1	7	0.43	0.5	1.2	0.3	1.9	38.5	1762	1727
41 P	1	7	0.43	0.5	1.2	0.3	1.9	38.5	1792	1758
42 P	1	7	0.43	0.5	1.2	0.3	1.9	39.0	1826	1790
43 P	1	7	0.43	0.5	1.2	0.3	1.9	39.5	1859	1823
44 P	1	7	0.43	0.5	1.2	0.3	2.0	40.0	1908	1872
45 P	1	7	0.43	0.5	1.2	0.3	2.0	40.5	1941	1905
46 P	1	7	0.43	0.5	1.2	0.3	2.0	40.5	1972	1935
47 P	1	7	0.43	0.5	1.2	0.3	2.0	41.0	2005	1968
48 P	1	7	0.43	0.5	1.2	0.3	2.0	41.5	2036	1999
50 P	1	7	0.43	0.5	1.2	0.3	2.0	42.0	2101	2063

1.0 SQ MM XLPE INSULATED,OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	1	7	0.43	0.5	1.0	0.2	1.1	11.0	172	166
2 T	1	7	0.43	0.5	1.0	0.2	1.2	16.5	294	285
3 T	1	7	0.43	0.5	1.0	0.2	1.2	17.0	344	334
4 T	1	7	0.43	0.5	1.0	0.3	1.3	19.0	461	445
5 T	1	7	0.43	0.5	1.0	0.3	1.3	20.5	527	509
6 T	1	7	0.43	0.5	1.0	0.3	1.4	22.5	603	584
7 T	1	7	0.43	0.5	1.0	0.3	1.4	22.5	638	619
8 T	1	7	0.43	0.5	1.0	0.3	1.4	24.5	721	700
9 T	1	7	0.43	0.5	1.0	0.3	1.5	26.5	806	783
10 T	1	7	0.43	0.5	1.0	0.3	1.5	25.0	810	788
11 T	1	7	0.43	0.5	1.0	0.3	1.5	26.0	866	844
12 T	1	7	0.43	0.5	1.0	0.3	1.5	26.0	902	879
13 T	1	7	0.43	0.5	1.0	0.3	1.6	30.0	1027	1000
14 T	1	7	0.43	0.5	1.0	0.3	1.6	30.0	1062	1036
15 T	1	7	0.43	0.5	1.0	0.3	1.6	31.5	1130	1102
16 T	1	7	0.43	0.5	1.0	0.3	1.6	31.5	1165	1137
17 T	1	7	0.43	0.5	1.0	0.3	1.7	33.0	1251	1221
18 T	1	7	0.43	0.5	1.0	0.3	1.7	33.0	1286	1256
19 T	1	7	0.43	0.5	1.0	0.3	1.7	33.0	1321	1292
20 T	1	7	0.43	0.5	1.0	0.3	1.7	35.0	1392	1361
21 T	1	7	0.43	0.5	1.0	0.3	1.7	35.0	1428	1396
22 T	1	7	0.43	0.5	1.0	0.3	1.8	37.0	1519	1486
23 T	1	7	0.43	0.5	1.0	0.3	1.8	37.0	1555	1522
24 T	1	7	0.43	0.5	1.0	0.3	1.8	38.5	1629	1594
25 T	1	7	0.43	0.5	1.0	0.3	1.8	38.5	1664	1629
26 T	1	7	0.43	0.5	1.0	0.3	1.8	38.5	1699	1665
27 T	1	7	0.43	0.5	1.0	0.3	1.9	39.5	1768	1733
28 T	1	7	0.43	0.5	1.2	0.3	1.9	41.0	1876	1838
29 T	1	7	0.43	0.5	1.2	0.3	1.9	41.0	1911	1874
30 T	1	7	0.43	0.5	1.2	0.3	1.9	41.0	1947	1909
31 T	1	7	0.43	0.5	1.2	0.3	1.9	42.5	2018	1979
32 T	1	7	0.43	0.5	1.2	0.3	1.9	42.5	2053	2014
33 T	1	7	0.43	0.5	1.2	0.3	1.9	42.5	2089	2050
34 T	1	7	0.43	0.5	1.2	0.3	2.0	44.5	2180	2140
35 T	1	7	0.43	0.5	1.2	0.3	2.0	44.5	2216	2175
36 T	1	7	0.43	0.5	1.2	0.3	2.0	44.5	2251	2211
37 T	1	7	0.43	0.5	1.2	0.3	2.0	44.5	2287	2246
38 T	1	7	0.43	0.5	1.2	0.3	2.0	46.0	2363	2321
39 T	1	7	0.43	0.5	1.2	0.3	2.0	46.0	2399	2357
40 T	1	7	0.43	0.5	1.2	0.3	2.0	46.0	2434	2392

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
41 T	1	7	0.43	0.5	1.2	0.4	2.1	48.5	2669	2610
42 T	1	7	0.43	0.5	1.2	0.4	2.1	48.5	2704	2645
43 T	1	7	0.43	0.5	1.2	0.4	2.1	48.5	2740	2681
44 T	1	7	0.43	0.5	1.2	0.4	2.2	50.5	2845	2784
45 T	1	7	0.43	0.5	1.2	0.4	2.2	50.5	2881	2819
46 T	1	7	0.43	0.5	1.2	0.4	2.2	50.5	2916	2855
47 T	1	7	0.43	0.5	1.2	0.4	2.2	50.5	2952	2890
48 T	1	7	0.43	0.5	1.2	0.4	2.2	51.0	3010	2947
50 T	1	7	0.43	0.5	1.2	0.4	2.2	52.0	3109	3045

1.5 SQ MM XLPE INSULATED,OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	1.5	7	0.53	0.6	1.0	0.2	1.1	12.0	181	175
2 P	1.5	7	0.53	0.6	1.0	0.2	1.2	16.5	297	288
3 P	1.5	7	0.53	0.6	1.0	0.2	1.2	17.5	346	336
4 P	1.5	7	0.53	0.6	1.0	0.3	1.3	19.5	464	448
5 P	1.5	7	0.53	0.6	1.0	0.3	1.4	21.5	546	528
6 P	1.5	7	0.53	0.6	1.0	0.3	1.4	22.0	593	574
7 P	1.5	7	0.53	0.6	1.0	0.3	1.4	22.0	628	610
8 P	1.5	7	0.53	0.6	1.0	0.3	1.5	24.0	712	691
9 P	1.5	7	0.53	0.6	1.0	0.3	1.5	25.0	772	750
10 P	1.5	7	0.53	0.6	1.0	0.3	1.6	27.0	851	828
11 P	1.5	7	0.53	0.6	1.0	0.3	1.6	27.0	893	869
12 P	1.5	7	0.53	0.6	1.0	0.3	1.6	27.5	941	917
13 P	1.5	7	0.53	0.6	1.0	0.3	1.6	28.0	983	958
14 P	1.5	7	0.53	0.6	1.0	0.3	1.6	29.0	1037	1012
15 P	1.5	7	0.53	0.6	1.0	0.3	1.7	29.5	1099	1073
16 P	1.5	7	0.53	0.6	1.0	0.3	1.7	31.0	1160	1133
17 P	1.5	7	0.53	0.6	1.0	0.3	1.7	31.0	1202	1175
18 P	1.5	7	0.53	0.6	1.0	0.3	1.7	31.5	1244	1216
19 P	1.5	7	0.53	0.6	1.0	0.3	1.7	32.0	1292	1264
20 P	1.5	7	0.53	0.6	1.0	0.3	1.8	33.0	1362	1333
21 P	1.5	7	0.53	0.6	1.0	0.3	1.8	34.0	1411	1381
22 P	1.5	7	0.53	0.6	1.0	0.3	1.9	34.5	1476	1445
23 P	1.5	7	0.53	0.6	1.0	0.3	1.9	35.0	1524	1493
24 P	1.5	7	0.53	0.6	1.2	0.3	1.9	36.0	1609	1576

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
25 P	1.5	7	0.53	0.6	1.2	0.3	1.9	37.0	1658	1625
26 P	1.5	7	0.53	0.6	1.2	0.3	1.9	37.5	1707	1674
27 P	1.5	7	0.53	0.6	1.2	0.3	1.9	38.0	1755	1721
28 P	1.5	7	0.53	0.6	1.2	0.3	2.0	38.5	1822	1787
29 P	1.5	7	0.53	0.6	1.2	0.3	2.0	39.0	1869	1834
30 P	1.5	7	0.53	0.6	1.2	0.3	2.0	39.5	1917	1881
31 P	1.5	7	0.53	0.6	1.2	0.3	2.0	40.0	1964	1928
32 P	1.5	7	0.53	0.6	1.2	0.3	2.0	41.0	2014	1977
33 P	1.5	7	0.53	0.6	1.2	0.3	2.0	41.0	2058	2021
34 P	1.5	7	0.53	0.6	1.2	0.4	2.1	42.5	2243	2192
35 P	1.5	7	0.53	0.6	1.2	0.4	2.1	43.0	2292	2241
36 P	1.5	7	0.53	0.6	1.2	0.4	2.1	43.5	2341	2289
37 P	1.5	7	0.53	0.6	1.2	0.4	2.1	44.0	2390	2337
38 P	1.5	7	0.53	0.6	1.2	0.4	2.2	44.5	2457	2404
39 P	1.5	7	0.53	0.6	1.2	0.4	2.2	45.0	2506	2452
40 P	1.5	7	0.53	0.6	1.2	0.4	2.2	45.5	2556	2501
41 P	1.5	7	0.53	0.6	1.2	0.4	2.2	46.0	2602	2547
42 P	1.5	7	0.53	0.6	1.2	0.4	2.2	46.5	2648	2592
43 P	1.5	7	0.53	0.6	1.2	0.4	2.2	47.0	2698	2641
44 P	1.5	7	0.53	0.6	1.2	0.4	2.3	47.5	2766	2709
45 P	1.5	7	0.53	0.6	1.2	0.4	2.3	48.0	2815	2757
46 P	1.5	7	0.53	0.6	1.2	0.4	2.3	48.5	2862	2803
47 P	1.5	7	0.53	0.6	1.2	0.4	2.3	48.5	2908	2850
48 P	1.5	7	0.53	0.6	1.2	0.4	2.3	49.0	2955	2896
50 P	1.5	7	0.53	0.6	1.4	0.4	2.3	50.5	3097	3036

1.5 SQ MM XLPE INSULATED,OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC : 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	1.5	7	0.53	0.6	1.0	0.2	1.1	12.5	207	200
2 T	1.5	7	0.53	0.6	1.0	0.3	1.3	19.0	423	407
3 T	1.5	7	0.53	0.6	1.0	0.3	1.3	20.0	496	479
4 T	1.5	7	0.53	0.6	1.0	0.3	1.4	22.0	591	573
5 T	1.5	7	0.53	0.6	1.0	0.3	1.4	23.5	679	659
6 T	1.5	7	0.53	0.6	1.0	0.3	1.5	25.5	783	760
7 T	1.5	7	0.53	0.6	1.0	0.3	1.5	25.5	835	813
8 T	1.5	7	0.53	0.6	1.0	0.3	1.6	28.5	958	933

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
9 T	1.5	7	0.53	0.6	1.0	0.3	1.6	30.5	1058	1031
10 T	1.5	7	0.53	0.6	1.0	0.3	1.7	29.0	1083	1058
11 T	1.5	7	0.53	0.6	1.0	0.3	1.7	30.5	1165	1138
12 T	1.5	7	0.53	0.6	1.0	0.3	1.7	30.5	1218	1191
13 T	1.5	7	0.53	0.6	1.0	0.3	1.8	35.0	1381	1350
14 T	1.5	7	0.53	0.6	1.0	0.3	1.8	35.0	1434	1403
15 T	1.5	7	0.53	0.6	1.0	0.3	1.8	36.5	1527	1494
16 T	1.5	7	0.53	0.6	1.0	0.3	1.8	36.5	1580	1547
17 T	1.5	7	0.53	0.6	1.0	0.3	1.9	38.5	1693	1658
18 T	1.5	7	0.53	0.6	1.0	0.3	1.9	38.5	1746	1711
19 T	1.5	7	0.53	0.6	1.0	0.3	1.9	38.5	1798	1764
20 T	1.5	7	0.53	0.6	1.2	0.3	1.9	41.0	1937	1899
21 T	1.5	7	0.53	0.6	1.2	0.3	1.9	41.0	1989	1952
22 T	1.5	7	0.53	0.6	1.2	0.3	2.0	43.5	2112	2073
23 T	1.5	7	0.53	0.6	1.2	0.3	2.0	43.5	2165	2125
24 T	1.5	7	0.53	0.6	1.2	0.3	2.1	45.5	2287	2246
25 T	1.5	7	0.53	0.6	1.2	0.3	2.1	45.5	2340	2298
26 T	1.5	7	0.53	0.6	1.2	0.3	2.1	45.5	2393	2351
27 T	1.5	7	0.53	0.6	1.2	0.4	2.1	47.0	2602	2545
28 T	1.5	7	0.53	0.6	1.2	0.4	2.2	49.0	2721	2662
29 T	1.5	7	0.53	0.6	1.2	0.4	2.2	49.0	2774	2715
30 T	1.5	7	0.53	0.6	1.2	0.4	2.2	49.0	2827	2768
31 T	1.5	7	0.53	0.6	1.2	0.4	2.2	50.5	2928	2866
32 T	1.5	7	0.53	0.6	1.2	0.4	2.2	50.5	2980	2919
33 T	1.5	7	0.53	0.6	1.2	0.4	2.2	50.5	3033	2971
34 T	1.5	7	0.53	0.6	1.2	0.4	2.3	52.5	3164	3099
35 T	1.5	7	0.53	0.6	1.2	0.4	2.3	52.5	3216	3152
36 T	1.5	7	0.53	0.6	1.2	0.4	2.3	52.5	3269	3205
37 T	1.5	7	0.53	0.6	1.2	0.4	2.3	52.5	3322	3258
38 T	1.5	7	0.53	0.6	1.4	0.4	2.3	55.0	3485	3417
39 T	1.5	7	0.53	0.6	1.4	0.4	2.3	55.0	3538	3470
40 T	1.5	7	0.53	0.6	1.4	0.4	2.3	55.0	3591	3523
41 T	1.5	7	0.53	0.6	1.4	0.4	2.4	57.5	3732	3661
42 T	1.5	7	0.53	0.6	1.4	0.4	2.4	57.5	3784	3714
43 T	1.5	7	0.53	0.6	1.4	0.4	2.4	57.5	3837	3767
44 T	1.5	7	0.53	0.6	1.4	0.4	2.5	59.5	3977	3904
45 T	1.5	7	0.53	0.6	1.4	0.4	2.5	59.5	4030	3957
46 T	1.5	7	0.53	0.6	1.4	0.4	2.5	59.5	4083	4009
47 T	1.5	7	0.53	0.6	1.4	0.4	2.5	59.5	4135	4062
48 T	1.5	7	0.53	0.6	1.4	0.4	2.5	60.5	4219	4144
50 T	1.5	7	0.53	0.6	1.4	0.4	2.6	62.0	4389	4313

2.5 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2 (nos.)	Nomonal Dia of each strands	Nominal Thickness of XLPE Insulation	Approx. Thickness of Inner Sheath	ARMOUR (ATC) Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	2.5	7	0.67	0.6	1.0	0.2	1.1	12.5	211	205
2 P	2.5	7	0.67	0.6	1.0	0.3	1.3	18.5	414	398
3 P	2.5	7	0.67	0.6	1.0	0.3	1.3	19.5	484	468
4 P	2.5	7	0.67	0.6	1.0	0.3	1.4	21.0	577	559
5 P	2.5	7	0.67	0.6	1.0	0.3	1.4	23.0	670	650
6 P	2.5	7	0.67	0.6	1.0	0.3	1.5	24.0	748	727
7 P	2.5	7	0.67	0.6	1.0	0.3	1.5	24.0	800	779
8 P	2.5	7	0.67	0.6	1.0	0.3	1.6	26.5	907	884
9 P	2.5	7	0.67	0.6	1.0	0.3	1.6	27.5	989	965
10 P	2.5	7	0.67	0.6	1.0	0.3	1.7	29.5	1091	1065
11 P	2.5	7	0.67	0.6	1.0	0.3	1.7	30.0	1150	1124
12 P	2.5	7	0.67	0.6	1.0	0.3	1.7	30.5	1218	1191
13 P	2.5	7	0.67	0.6	1.0	0.3	1.8	31.0	1293	1266
14 P	2.5	7	0.67	0.6	1.0	0.3	1.8	32.0	1368	1339
15 P	2.5	7	0.67	0.6	1.0	0.3	1.8	33.0	1436	1407
16 P	2.5	7	0.67	0.6	1.0	0.3	1.8	34.0	1517	1487
17 P	2.5	7	0.67	0.6	1.0	0.3	1.9	35.0	1594	1563
18 P	2.5	7	0.67	0.6	1.0	0.3	1.9	35.0	1653	1622
19 P	2.5	7	0.67	0.6	1.0	0.3	1.9	36.0	1722	1690
20 P	2.5	7	0.67	0.6	1.2	0.3	1.9	37.0	1833	1799
21 P	2.5	7	0.67	0.6	1.2	0.3	1.9	38.0	1902	1868
22 P	2.5	7	0.67	0.6	1.2	0.3	2.0	39.0	1988	1954
23 P	2.5	7	0.67	0.6	1.2	0.3	2.0	39.5	2058	2022
24 P	2.5	7	0.67	0.6	1.2	0.4	2.1	41.0	2259	2211
25 P	2.5	7	0.67	0.6	1.2	0.4	2.1	41.5	2328	2279
26 P	2.5	7	0.67	0.6	1.2	0.4	2.1	42.0	2397	2347
27 P	2.5	7	0.67	0.6	1.2	0.4	2.1	43.0	2469	2417
28 P	2.5	7	0.67	0.6	1.2	0.4	2.2	43.5	2557	2505
29 P	2.5	7	0.67	0.6	1.2	0.4	2.2	44.0	2627	2574
30 P	2.5	7	0.67	0.6	1.2	0.4	2.2	45.0	2696	2642
31 P	2.5	7	0.67	0.6	1.2	0.4	2.2	45.5	2765	2710
32 P	2.5	7	0.67	0.6	1.2	0.4	2.2	46.0	2834	2779
33 P	2.5	7	0.67	0.6	1.2	0.4	2.2	46.5	2900	2844
34 P	2.5	7	0.67	0.6	1.2	0.4	2.3	47.5	2991	2934
35 P	2.5	7	0.67	0.6	1.2	0.4	2.3	48.0	3058	3000
36 P	2.5	7	0.67	0.6	1.2	0.4	2.3	48.5	3127	3069
37 P	2.5	7	0.67	0.6	1.2	0.4	2.3	49.0	3193	3134
38 P	2.5	7	0.67	0.6	1.4	0.4	2.4	50.0	3331	3271
39 P	2.5	7	0.67	0.6	1.4	0.4	2.4	50.5	3401	3340
40 P	2.5	7	0.67	0.6	1.4	0.4	2.4	51.0	3469	3407
41 P	2.5	7	0.67	0.6	1.4	0.4	2.4	51.5	3536	3473
42 P	2.5	7	0.67	0.6	1.4	0.4	2.4	52.0	3603	3540
43 P	2.5	7	0.67	0.6	1.4	0.4	2.4	52.5	3670	3607
44 P	2.5	7	0.67	0.6	1.4	0.4	2.5	53.0	3759	3695
45 P	2.5	7	0.67	0.6	1.4	0.4	2.5	54.0	3829	3764
46 P	2.5	7	0.67	0.6	1.4	0.4	2.5	54.0	3894	3828
47 P	2.5	7	0.67	0.6	1.4	0.4	2.5	54.5	3961	3895
48 P	2.5	7	0.67	0.6	1.4	0.4	2.5	55.0	4026	3959
50 P	2.5	7	0.67	0.6	1.4	0.4	2.6	56.5	4186	4118

2.5 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2 (nos.)	Nomonal Dia of each strands	Nominal Thickness of XLPE Insulation	Approx. Thickness of Inner Sheath	ARMOUR (ATC) Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	2.5	7	0.67	0.6	1.0	0.2	1.1	13.0	246	239
2 T	2.5	7	0.67	0.6	1.0	0.3	1.3	20.5	509	491
3 T	2.5	7	0.67	0.6	1.0	0.3	1.4	22.0	619	600
4 T	2.5	7	0.67	0.6	1.0	0.3	1.4	24.0	735	714
5 T	2.5	7	0.67	0.6	1.0	0.3	1.5	26.0	864	842
6 T	2.5	7	0.67	0.6	1.0	0.3	1.6	28.0	1000	975
7 T	2.5	7	0.67	0.6	1.0	0.3	1.6	28.0	1078	1053
8 T	2.5	7	0.67	0.6	1.0	0.3	1.7	31.5	1240	1212
9 T	2.5	7	0.67	0.6	1.0	0.3	1.8	34.0	1387	1356
10 T	2.5	7	0.67	0.6	1.0	0.3	1.8	32.0	1418	1389
11 T	2.5	7	0.67	0.6	1.0	0.3	1.8	33.5	1528	1498
12 T	2.5	7	0.67	0.6	1.0	0.3	1.8	33.5	1606	1576
13 T	2.5	7	0.67	0.6	1.0	0.3	1.9	38.5	1814	1780
14 T	2.5	7	0.67	0.6	1.0	0.3	1.9	38.5	1893	1858
15 T	2.5	7	0.67	0.6	1.2	0.3	2.0	41.5	2075	2038
16 T	2.5	7	0.67	0.6	1.2	0.3	2.0	41.5	2154	2116
17 T	2.5	7	0.67	0.6	1.2	0.3	2.0	43.5	2283	2244
18 T	2.5	7	0.67	0.6	1.2	0.3	2.0	43.5	2362	2322
19 T	2.5	7	0.67	0.6	1.2	0.3	2.0	43.5	2440	2401
20 T	2.5	7	0.67	0.6	1.2	0.4	2.1	46.5	2725	2669
21 T	2.5	7	0.67	0.6	1.2	0.4	2.1	46.5	2803	2747
22 T	2.5	7	0.67	0.6	1.2	0.4	2.2	49.0	2971	2911
23 T	2.5	7	0.67	0.6	1.2	0.4	2.2	49.0	3049	2989
24 T	2.5	7	0.67	0.6	1.2	0.4	2.3	51.5	3216	3153

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2 (nos.)	Nomonal Dia of each strands	Nominal Thickness of XLPE Insulation	Approx. Thickness of Inner Sheath	ARMOUR (ATC) Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
25 T	2.5	7	0.67	0.6	1.2	0.4	2.3	51.5	3294	3231
26 T	2.5	7	0.67	0.6	1.2	0.4	2.3	51.5	3372	3310
27 T	2.5	7	0.67	0.6	1.2	0.4	2.3	52.5	3479	3415
28 T	2.5	7	0.67	0.6	1.4	0.4	2.4	55.0	3687	3620
29 T	2.5	7	0.67	0.6	1.4	0.4	2.4	55.0	3765	3698
30 T	2.5	7	0.67	0.6	1.4	0.4	2.4	55.0	3844	3777
31 T	2.5	7	0.67	0.6	1.4	0.4	2.4	57.0	3982	3912
32 T	2.5	7	0.67	0.6	1.4	0.4	2.4	57.0	4060	3991
33 T	2.5	7	0.67	0.6	1.4	0.4	2.4	57.0	4139	4069
34 T	2.5	7	0.67	0.6	1.4	0.4	2.5	59.0	4307	4235
35 T	2.5	7	0.67	0.6	1.4	0.4	2.5	59.0	4386	4313
36 T	2.5	7	0.67	0.6	1.4	0.4	2.5	59.0	4464	4391
37 T	2.5	7	0.67	0.6	1.4	0.4	2.5	59.0	4542	4470
38 T	2.5	7	0.67	0.6	1.4	0.4	2.6	61.5	4719	4643
39 T	2.5	7	0.67	0.6	1.4	0.4	2.6	61.5	4797	4722
40 T	2.5	7	0.67	0.6	1.4	0.4	2.6	61.5	4876	4800
41 T	2.5	7	0.67	0.6	1.4	0.4	2.7	64.5	5058	4979
42 T	2.5	7	0.67	0.6	1.4	0.4	2.7	64.5	5136	5057
43 T	2.5	7	0.67	0.6	1.4	0.4	2.7	64.5	5214	5135
44 T	2.5	7	0.67	0.6	1.6	0.4	2.7	67.0	5429	5346
45 T	2.5	7	0.67	0.6	1.6	0.4	2.7	67.0	5507	5425
46 T	2.5	7	0.67	0.6	1.6	0.4	2.7	67.0	5585	5503
47 T	2.5	7	0.67	0.6	1.6	0.4	2.7	67.0	5664	5581
48 T	2.5	7	0.67	0.6	1.6	0.4	2.8	68.5	5809	5725
50 T	2.5	7	0.67	0.6	1.6	0.4	2.8	69.5	6012	5926

INSTRUMENTATION CONTROL CABLES OVERALL SHEILDED

RATED OPERATING VOLTAGE : 150/250 V (300 V)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 376

CABLE OVERALL SCREENED

1. CONDUCTOR MATERIAL : Stranded, annealed, tinned or untinned copper class 2 as per IEC 60228

2. INSULATION MATERIAL : XLPE Insulation

3. LAY UP : Multi Cores laid up

4. INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional- other polymeric compounds

5. ARMOUR/ BRAIDING MATERIAL : Annealed Tinned Copper Wire, Optional GI wire, SS wire or Bronze wire

6. OUTER SHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional- other polymeric compounds

0.5 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC : 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
2 C	0.5	7	0.30	0.4	1.0	0.2	1.0	9.5	118	113
3 C	0.5	7	0.30	0.4	1.0	0.2	1.0	9.5	129	124
4 C	0.5	7	0.30	0.4	1.0	0.2	1.0	10.0	143	138
5 C	0.5	7	0.30	0.4	1.0	0.2	1.0	10.5	157	152
6 C	0.5	7	0.30	0.4	1.0	0.2	1.1	11.5	178	172
7 C	0.5	7	0.30	0.4	1.0	0.2	1.1	11.5	184	178
8 C	0.5	7	0.30	0.4	1.0	0.2	1.1	12.5	205	199
9 C	0.5	7	0.30	0.4	1.0	0.2	1.1	13.0	221	214
10 C	0.5	7	0.30	0.4	1.0	0.2	1.1	12.5	219	212
11 C	0.5	7	0.30	0.4	1.0	0.2	1.1	12.5	225	219
12 C	0.5	7	0.30	0.4	1.0	0.2	1.1	13.0	236	230
13 C	0.5	7	0.30	0.4	1.0	0.2	1.2	14.5	272	264
14 C	0.5	7	0.30	0.4	1.0	0.2	1.2	14.5	278	270
15 C	0.5	7	0.30	0.4	1.0	0.2	1.2	15.0	293	285
16 C	0.5	7	0.30	0.4	1.0	0.2	1.2	15.0	299	291
17 C	0.5	7	0.30	0.4	1.0	0.2	1.2	15.5	315	307
18 C	0.5	7	0.30	0.4	1.0	0.2	1.2	15.5	321	313
19 C	0.5	7	0.30	0.4	1.0	0.2	1.2	15.5	327	319
20 C	0.5	7	0.30	0.4	1.0	0.2	1.2	16.0	344	335
21 C	0.5	7	0.30	0.4	1.0	0.2	1.2	16.0	350	341
22 C	0.5	7	0.30	0.4	1.0	0.2	1.2	17.0	368	359
23 C	0.5	7	0.30	0.4	1.0	0.2	1.2	17.0	374	365
24 C	0.5	7	0.30	0.4	1.0	0.3	1.3	18.0	448	433
25 C	0.5	7	0.30	0.4	1.0	0.3	1.3	18.0	454	439
26 C	0.5	7	0.30	0.4	1.0	0.3	1.3	18.0	460	445
27 C	0.5	7	0.30	0.4	1.0	0.3	1.3	18.5	472	457
28 C	0.5	7	0.30	0.4	1.0	0.3	1.3	19.0	488	473
29 C	0.5	7	0.30	0.4	1.0	0.3	1.3	19.0	495	479

30 C	0.5	7	0.30	0.4	1.0	0.3	1.3	19.0	501	485
31 C	0.5	7	0.30	0.4	1.0	0.3	1.3	19.5	517	501
32 C	0.5	7	0.30	0.4	1.0	0.3	1.3	19.5	523	507
33 C	0.5	7	0.30	0.4	1.0	0.3	1.3	19.5	529	513
34 C	0.5	7	0.30	0.4	1.0	0.3	1.3	20.0	548	531
35 C	0.5	7	0.30	0.4	1.0	0.3	1.3	20.0	554	537
36 C	0.5	7	0.30	0.4	1.0	0.3	1.3	20.0	560	543
37 C	0.5	7	0.30	0.4	1.0	0.3	1.3	20.0	566	549
38 C	0.5	7	0.30	0.4	1.0	0.3	1.4	21.0	594	576
39 C	0.5	7	0.30	0.4	1.0	0.3	1.4	21.0	600	582
40 C	0.5	7	0.30	0.4	1.0	0.3	1.4	21.0	606	589
41 C	0.5	7	0.30	0.4	1.0	0.3	1.4	21.5	627	609
42 C	0.5	7	0.30	0.4	1.0	0.3	1.4	21.5	633	615
43 C	0.5	7	0.30	0.4	1.0	0.3	1.4	21.5	639	621
44 C	0.5	7	0.30	0.4	1.0	0.3	1.4	22.0	658	639
45 C	0.5	7	0.30	0.4	1.0	0.3	1.4	22.0	664	645
46 C	0.5	7	0.30	0.4	1.0	0.3	1.4	22.0	670	651
47 C	0.5	7	0.30	0.4	1.0	0.3	1.4	22.0	676	657
48 C	0.5	7	0.30	0.4	1.0	0.3	1.4	22.5	689	669
52 C	0.5	7	0.30	0.4	1.0	0.3	1.4	23.0	724	704
61 C	0.5	7	0.30	0.4	1.0	0.3	1.5	24.0	813	792

0.75 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE
Standard Specification : IEC : 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)
DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
2 C	0.75	7	0.37	0.5	1.0	0.2	1.0	10.0	137	132
3 C	0.75	7	0.37	0.5	1.0	0.2	1.0	10.5	152	147
4 C	0.75	7	0.37	0.5	1.0	0.2	1.1	11.5	176	171
5 C	0.75	7	0.37	0.5	1.0	0.2	1.1	12.0	195	189
6 C	0.75	7	0.37	0.5	1.0	0.2	1.1	12.5	216	210
7 C	0.75	7	0.37	0.5	1.0	0.2	1.1	12.5	225	219
8 C	0.75	7	0.37	0.5	1.0	0.2	1.1	13.5	251	244
9 C	0.75	7	0.37	0.5	1.0	0.2	1.2	14.5	280	272
10 C	0.75	7	0.37	0.5	1.0	0.2	1.2	14.0	279	272
11 C	0.75	7	0.37	0.5	1.0	0.2	1.2	14.0	288	281
12 C	0.75	7	0.37	0.5	1.0	0.2	1.2	14.5	304	297
13 C	0.75	7	0.37	0.5	1.0	0.2	1.2	16.0	341	332
14 C	0.75	7	0.37	0.5	1.0	0.2	1.2	16.0	350	341
15 C	0.75	7	0.37	0.5	1.0	0.2	1.2	17.0	371	362
16 C	0.75	7	0.37	0.5	1.0	0.2	1.2	17.0	380	371
17 C	0.75	7	0.37	0.5	1.0	0.3	1.3	18.0	459	444
18 C	0.75	7	0.37	0.5	1.0	0.3	1.3	18.0	468	453
19 C	0.75	7	0.37	0.5	1.0	0.3	1.3	18.0	477	462
20 C	0.75	7	0.37	0.5	1.0	0.3	1.3	19.0	503	487
21 C	0.75	7	0.37	0.5	1.0	0.3	1.3	19.0	512	496
22 C	0.75	7	0.37	0.5	1.0	0.3	1.3	19.5	535	519

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
22 C	0.75	7	0.37	0.5	1.0	0.3	1.3	19.5	535	519
23 C	0.75	7	0.37	0.5	1.0	0.3	1.3	19.5	545	528
24 C	0.75	7	0.37	0.5	1.0	0.3	1.4	20.5	579	562
25 C	0.75	7	0.37	0.5	1.0	0.3	1.4	20.5	589	571
26 C	0.75	7	0.37	0.5	1.0	0.3	1.4	20.5	598	580
27 C	0.75	7	0.37	0.5	1.0	0.3	1.4	21.0	613	596
28 C	0.75	7	0.37	0.5	1.0	0.3	1.4	21.5	635	617
29 C	0.75	7	0.37	0.5	1.0	0.3	1.4	21.5	644	626
30 C	0.75	7	0.37	0.5	1.0	0.3	1.4	21.5	654	635
31 C	0.75	7	0.37	0.5	1.0	0.3	1.4	22.5	677	658
32 C	0.75	7	0.37	0.5	1.0	0.3	1.4	22.5	687	668
33 C	0.75	7	0.37	0.5	1.0	0.3	1.4	22.5	696	677
34 C	0.75	7	0.37	0.5	1.0	0.3	1.4	23.0	720	700
35 C	0.75	7	0.37	0.5	1.0	0.3	1.4	23.0	729	709
36 C	0.75	7	0.37	0.5	1.0	0.3	1.4	23.0	738	718
37 C	0.75	7	0.37	0.5	1.0	0.3	1.4	23.0	747	728
38 C	0.75	7	0.37	0.5	1.0	0.3	1.5	24.0	784	763
39 C	0.75	7	0.37	0.5	1.0	0.3	1.5	24.0	793	773
40 C	0.75	7	0.37	0.5	1.0	0.3	1.5	24.0	803	782
41 C	0.75	7	0.37	0.5	1.0	0.3	1.5	24.5	827	805
42 C	0.75	7	0.37	0.5	1.0	0.3	1.5	24.5	836	814
43 C	0.75	7	0.37	0.5	1.0	0.3	1.5	24.5	845	824
44 C	0.75	7	0.37	0.5	1.0	0.3	1.5	25.5	871	849
45 C	0.75	7	0.37	0.5	1.0	0.3	1.5	25.5	880	858
46 C	0.75	7	0.37	0.5	1.0	0.3	1.5	25.5	890	868
47 C	0.75	7	0.37	0.5	1.0	0.3	1.5	25.5	899	877
48 C	0.75	7	0.37	0.5	1.0	0.3	1.5	26.0	915	892
52 C	0.75	7	0.37	0.5	1.0	0.3	1.5	26.5	964	941
61 C	0.75	7	0.37	0.5	1.0	0.3	1.6	28.0	1090	1065

1.0 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE
Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)
DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
2 C	1	7	0.43	0.5	1.0	0.2	1.0	10.5	148	143
3 C	1	7	0.43	0.5	1.0	0.2	1.1	11.0	172	166
4 C	1	7	0.43	0.5	1.0	0.2	1.1	12.0	195	189
5 C	1	7	0.43	0.5	1.0	0.2	1.1	12.5	218	211

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
6 C	1	7	0.43	0.5	1.0	0.2	1.1	13.5	241	234
7 C	1	7	0.43	0.5	1.0	0.2	1.1	13.5	253	246
8 C	1	7	0.43	0.5	1.0	0.2	1.2	14.5	290	282
9 C	1	7	0.43	0.5	1.0	0.2	1.2	15.5	317	308
10 C	1	7	0.43	0.5	1.0	0.2	1.2	15.0	317	309
11 C	1	7	0.43	0.5	1.0	0.2	1.2	15.0	328	320
12 C	1	7	0.43	0.5	1.0	0.2	1.2	15.5	349	340
13 C	1	7	0.43	0.5	1.0	0.3	1.3	17.5	445	430
14 C	1	7	0.43	0.5	1.0	0.3	1.3	17.5	457	442
15 C	1	7	0.43	0.5	1.0	0.3	1.3	18.5	485	469
16 C	1	7	0.43	0.5	1.0	0.3	1.3	18.5	497	481
17 C	1	7	0.43	0.5	1.0	0.3	1.3	19.0	523	506
18 C	1	7	0.43	0.5	1.0	0.3	1.3	19.0	534	518
19 C	1	7	0.43	0.5	1.0	0.3	1.3	19.0	546	530
20 C	1	7	0.43	0.5	1.0	0.3	1.3	20.0	574	557
21 C	1	7	0.43	0.5	1.0	0.3	1.3	20.0	586	569
22 C	1	7	0.43	0.5	1.0	0.3	1.4	21.0	625	607
23 C	1	7	0.43	0.5	1.0	0.3	1.4	21.0	637	619
24 C	1	7	0.43	0.5	1.0	0.3	1.4	22.0	666	647
25 C	1	7	0.43	0.5	1.0	0.3	1.4	22.0	677	659
26 C	1	7	0.43	0.5	1.0	0.3	1.4	22.0	689	670
27 C	1	7	0.43	0.5	1.0	0.3	1.4	22.5	709	690
28 C	1	7	0.43	0.5	1.0	0.3	1.4	23.0	733	714
29 C	1	7	0.43	0.5	1.0	0.3	1.4	23.0	745	725
30 C	1	7	0.43	0.5	1.0	0.3	1.4	23.0	757	737
31 C	1	7	0.43	0.5	1.0	0.3	1.5	24.0	796	776
32 C	1	7	0.43	0.5	1.0	0.3	1.5	24.0	808	788
33 C	1	7	0.43	0.5	1.0	0.3	1.5	24.0	820	799
34 C	1	7	0.43	0.5	1.0	0.3	1.5	24.5	847	825
35 C	1	7	0.43	0.5	1.0	0.3	1.5	24.5	858	837
36 C	1	7	0.43	0.5	1.0	0.3	1.5	24.5	870	849
37 C	1	7	0.43	0.5	1.0	0.3	1.5	24.5	882	861
38 C	1	7	0.43	0.5	1.0	0.3	1.5	25.5	911	889
39 C	1	7	0.43	0.5	1.0	0.3	1.5	25.5	922	900
40 C	1	7	0.43	0.5	1.0	0.3	1.5	25.5	934	912
41 C	1	7	0.43	0.5	1.0	0.3	1.5	26.5	965	942
42 C	1	7	0.43	0.5	1.0	0.3	1.5	26.5	977	954
43 C	1	7	0.43	0.5	1.0	0.3	1.5	26.5	989	966
44 C	1	7	0.43	0.5	1.0	0.3	1.6	27.5	1030	1006
45 C	1	7	0.43	0.5	1.0	0.3	1.6	27.5	1042	1018
46 C	1	7	0.43	0.5	1.0	0.3	1.6	27.5	1053	1030
47 C	1	7	0.43	0.5	1.0	0.3	1.6	27.5	1065	1041
48 C	1	7	0.43	0.5	1.0	0.3	1.6	27.5	1086	1061
52 C	1	7	0.43	0.5	1.0	0.3	1.6	28.5	1146	1121
61 C	1	7	0.43	0.5	1.0	0.3	1.6	30.0	1284	1258

1.5 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
2 C	1.5	7	0.53	0.6	1.0	0.2	1.1	12.0	181	175
3 C	1.5	7	0.53	0.6	1.0	0.2	1.1	12.5	207	200
4 C	1.5	7	0.53	0.6	1.0	0.2	1.1	13.0	238	231
5 C	1.5	7	0.53	0.6	1.0	0.2	1.2	14.0	274	267
6 C	1.5	7	0.53	0.6	1.0	0.2	1.2	15.0	307	299
7 C	1.5	7	0.53	0.6	1.0	0.2	1.2	15.0	325	317
8 C	1.5	7	0.53	0.6	1.0	0.2	1.2	16.5	366	357
9 C	1.5	7	0.53	0.6	1.0	0.3	1.3	18.0	458	443
10 C	1.5	7	0.53	0.6	1.0	0.3	1.3	17.0	457	443
11 C	1.5	7	0.53	0.6	1.0	0.3	1.3	17.0	475	461
12 C	1.5	7	0.53	0.6	1.0	0.3	1.3	18.0	505	490
13 C	1.5	7	0.53	0.6	1.0	0.3	1.4	20.0	574	557
14 C	1.5	7	0.53	0.6	1.0	0.3	1.4	20.0	591	574
15 C	1.5	7	0.53	0.6	1.0	0.3	1.4	21.0	627	609
16 C	1.5	7	0.53	0.6	1.0	0.3	1.4	21.0	645	627
17 C	1.5	7	0.53	0.6	1.0	0.3	1.4	22.0	681	662
18 C	1.5	7	0.53	0.6	1.0	0.3	1.4	22.0	699	680
19 C	1.5	7	0.53	0.6	1.0	0.3	1.4	22.0	716	698
20 C	1.5	7	0.53	0.6	1.0	0.3	1.4	23.0	755	735
21 C	1.5	7	0.53	0.6	1.0	0.3	1.4	23.0	772	752
22 C	1.5	7	0.53	0.6	1.0	0.3	1.5	24.0	821	801
23 C	1.5	7	0.53	0.6	1.0	0.3	1.5	24.0	839	818
24 C	1.5	7	0.53	0.6	1.0	0.3	1.5	25.0	878	856
25 C	1.5	7	0.53	0.6	1.0	0.3	1.5	25.0	895	873
26 C	1.5	7	0.53	0.6	1.0	0.3	1.5	25.0	913	891
27 C	1.5	7	0.53	0.6	1.0	0.3	1.5	25.5	941	919
28 C	1.5	7	0.53	0.6	1.0	0.3	1.6	26.5	985	962
29 C	1.5	7	0.53	0.6	1.0	0.3	1.6	26.5	1003	980
30 C	1.5	7	0.53	0.6	1.0	0.3	1.6	26.5	1021	997
31 C	1.5	7	0.53	0.6	1.0	0.3	1.6	27.5	1058	1034
32 C	1.5	7	0.53	0.6	1.0	0.3	1.6	27.5	1075	1051
33 C	1.5	7	0.53	0.6	1.0	0.3	1.6	27.5	1093	1069
34 C	1.5	7	0.53	0.6	1.0	0.3	1.6	28.5	1130	1105
35 C	1.5	7	0.53	0.6	1.0	0.3	1.6	28.5	1147	1122
36 C	1.5	7	0.53	0.6	1.0	0.3	1.6	28.5	1165	1140
37 C	1.5	7	0.53	0.6	1.0	0.3	1.6	28.5	1183	1158
38 C	1.5	7	0.53	0.6	1.0	0.3	1.7	29.5	1235	1209
39 C	1.5	7	0.53	0.6	1.0	0.3	1.7	29.5	1253	1227
40 C	1.5	7	0.53	0.6	1.0	0.3	1.7	29.5	1270	1244
41 C	1.5	7	0.53	0.6	1.0	0.3	1.7	30.5	1310	1283
42 C	1.5	7	0.53	0.6	1.0	0.3	1.7	30.5	1327	1301

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
43 C	1.5	7	0.53	0.6	1.0	0.3	1.7	30.5	1345	1318
44 C	1.5	7	0.53	0.6	1.0	0.3	1.7	31.5	1385	1357
45 C	1.5	7	0.53	0.6	1.0	0.3	1.7	31.5	1402	1374
46 C	1.5	7	0.53	0.6	1.0	0.3	1.7	31.5	1420	1392
47 C	1.5	7	0.53	0.6	1.0	0.3	1.7	31.5	1437	1409
48 C	1.5	7	0.53	0.6	1.0	0.3	1.7	32.0	1466	1438
52 C	1.5	7	0.53	0.6	1.0	0.3	1.8	33.0	1567	1538
61 C	1.5	7	0.53	0.6	1.0	0.3	1.8	34.5	1766	1735

2.5 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
2 C	2.5	7	0.67	0.6	1.0	0.2	1.1	12.5	211	205
3 C	2.5	7	0.67	0.6	1.0	0.2	1.1	13.0	246	239
4 C	2.5	7	0.67	0.6	1.0	0.2	1.2	14.0	293	285
5 C	2.5	7	0.67	0.6	1.0	0.2	1.2	15.0	336	327
6 C	2.5	7	0.67	0.6	1.0	0.2	1.2	16.0	379	370
7 C	2.5	7	0.67	0.6	1.0	0.2	1.2	16.0	405	396
8 C	2.5	7	0.67	0.6	1.0	0.3	1.3	18.5	515	499
9 C	2.5	7	0.67	0.6	1.0	0.3	1.3	19.5	565	548
10 C	2.5	7	0.67	0.6	1.0	0.3	1.4	19.0	579	564
11 C	2.5	7	0.67	0.6	1.0	0.3	1.4	19.0	605	590
12 C	2.5	7	0.67	0.6	1.0	0.3	1.4	19.5	646	630
13 C	2.5	7	0.67	0.6	1.0	0.3	1.4	22.0	722	703
14 C	2.5	7	0.67	0.6	1.0	0.3	1.4	22.0	748	729
15 C	2.5	7	0.67	0.6	1.0	0.3	1.5	23.0	805	785
16 C	2.5	7	0.67	0.6	1.0	0.3	1.5	23.0	831	811
17 C	2.5	7	0.67	0.6	1.0	0.3	1.5	24.0	878	858
18 C	2.5	7	0.67	0.6	1.0	0.3	1.5	24.0	905	884
19 C	2.5	7	0.67	0.6	1.0	0.3	1.5	24.0	931	910
20 C	2.5	7	0.67	0.6	1.0	0.3	1.5	25.0	980	958
21 C	2.5	7	0.67	0.6	1.0	0.3	1.5	25.0	1006	984
22 C	2.5	7	0.67	0.6	1.0	0.3	1.6	26.5	1070	1047
23 C	2.5	7	0.67	0.6	1.0	0.3	1.6	26.5	1096	1073
24 C	2.5	7	0.67	0.6	1.0	0.3	1.6	27.5	1146	1121
25 C	2.5	7	0.67	0.6	1.0	0.3	1.6	27.5	1172	1147
26 C	2.5	7	0.67	0.6	1.0	0.3	1.6	27.5	1198	1174

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
27 C	2.5	7	0.67	0.6	1.0	0.3	1.6	28.0	1235	1210
28 C	2.5	7	0.67	0.6	1.0	0.3	1.7	29.5	1294	1268
29 C	2.5	7	0.67	0.6	1.0	0.3	1.7	29.5	1320	1294
30 C	2.5	7	0.67	0.6	1.0	0.3	1.7	29.5	1346	1320
31 C	2.5	7	0.67	0.6	1.0	0.3	1.7	30.5	1394	1367
32 C	2.5	7	0.67	0.6	1.0	0.3	1.7	30.5	1420	1393
33 C	2.5	7	0.67	0.6	1.0	0.3	1.7	30.5	1446	1420
34 C	2.5	7	0.67	0.6	1.0	0.3	1.7	31.5	1494	1467
35 C	2.5	7	0.67	0.6	1.0	0.3	1.7	31.5	1520	1493
36 C	2.5	7	0.67	0.6	1.0	0.3	1.7	31.5	1547	1519
37 C	2.5	7	0.67	0.6	1.0	0.3	1.7	31.5	1573	1545
38 C	2.5	7	0.67	0.6	1.0	0.3	1.8	32.5	1638	1609
39 C	2.5	7	0.67	0.6	1.0	0.3	1.8	32.5	1664	1635
40 C	2.5	7	0.67	0.6	1.0	0.3	1.8	32.5	1690	1661
41 C	2.5	7	0.67	0.6	1.0	0.3	1.8	34.0	1743	1713
42 C	2.5	7	0.67	0.6	1.0	0.3	1.8	34.0	1769	1739
43 C	2.5	7	0.67	0.6	1.0	0.3	1.8	34.0	1796	1765
44 C	2.5	7	0.67	0.6	1.0	0.3	1.9	35.0	1862	1831
45 C	2.5	7	0.67	0.6	1.0	0.3	1.9	35.0	1889	1857
46 C	2.5	7	0.67	0.6	1.0	0.3	1.9	35.0	1915	1884
47 C	2.5	7	0.67	0.6	1.0	0.3	1.9	35.0	1941	1910
48 C	2.5	7	0.67	0.6	1.0	0.3	1.9	35.5	1978	1947
52 C	2.5	7	0.67	0.6	1.2	0.3	1.9	37.0	2139	2106
61 C	2.5	7	0.67	0.6	1.2	0.3	2.0	39.0	2440	2405



INSTRUMENTATION CABLES INDIVIDUAL SHEILDED & LAPPED INNER COVER

RATED OPERATING VOLTAGE : 150/250 V (300 V)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 376

INDIVIDUAL PAIR OR TRIAD SCREENED

CONDUCTOR MATERIAL : Stranded, annealed, tinned or untinned copper class 2 as per IEC 60228

INSULATION MATERIAL : XLPE Insulation, Optional- other polymeric compounds

SHEILDING of individual unit : Cores twisted to form a pair or triad and shielded with lapped Mylar backed Aluminium tape, Each unit provided with a stranded, tinned copper drain wire

INNER COVER MATERIAL : Lapped polymeric tape

ARMOUR/ BRAIDING MATERIAL : Annealed Tinned Copper Wire, Optional GI wire

OUTERSHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional- other polymeric compounds

0.5 SQ MM XLPE INSULATED, INDIVIDUAL ALMYLER & OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC : 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	0.5	7	0.30	0.4	0.1	0.2	1.0	8.5	101	97
2 P	0.5	7	0.30	0.4	0.1	0.2	1.1	11.5	161	155
3 P	0.5	7	0.30	0.4	0.1	0.2	1.1	12.0	188	182
4 P	0.5	7	0.30	0.4	0.1	0.2	1.1	13.0	220	213
5 P	0.5	7	0.30	0.4	0.1	0.2	1.2	14.5	264	256
6 P	0.5	7	0.30	0.4	0.1	0.2	1.2	15.0	290	282
7 P	0.5	7	0.30	0.4	0.1	0.2	1.2	15.0	311	302
8 P	0.5	7	0.30	0.4	0.1	0.3	1.3	17.0	402	388
9 P	0.5	7	0.30	0.4	0.1	0.3	1.3	17.5	436	421
10 P	0.5	7	0.30	0.4	0.1	0.3	1.3	19.0	475	459
11 P	0.5	7	0.30	0.4	0.1	0.3	1.3	19.0	499	483
12 P	0.5	7	0.30	0.4	0.1	0.3	1.4	19.5	535	518
13 P	0.5	7	0.30	0.4	0.1	0.3	1.4	20.0	559	542
14 P	0.5	7	0.30	0.4	0.1	0.3	1.4	20.5	590	572
15 P	0.5	7	0.30	0.4	0.1	0.3	1.4	21.0	617	599
16 P	0.5	7	0.30	0.4	0.1	0.3	1.4	21.5	653	634
17 P	0.5	7	0.30	0.4	0.1	0.3	1.5	22.0	687	668
18 P	0.5	7	0.30	0.4	0.1	0.3	1.5	22.5	711	692
19 P	0.5	7	0.30	0.4	0.1	0.3	1.5	22.5	739	719
20 P	0.5	7	0.30	0.4	0.1	0.3	1.5	23.5	772	751

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
21 P	0.5	7	0.30	0.4	0.1	0.3	1.5	24.0	799	779
22 P	0.5	7	0.30	0.4	0.1	0.3	1.5	24.0	827	806
23 P	0.5	7	0.30	0.4	0.1	0.3	1.5	24.5	854	833
24 P	0.5	7	0.30	0.4	0.1	0.3	1.6	25.5	895	873
25 P	0.5	7	0.30	0.4	0.1	0.3	1.6	25.5	923	901
26 P	0.5	7	0.30	0.4	0.1	0.3	1.6	26.0	949	926
27 P	0.5	7	0.30	0.4	0.1	0.3	1.6	26.5	977	954
28 P	0.5	7	0.30	0.4	0.1	0.3	1.6	27.0	1005	981
29 P	0.5	7	0.30	0.4	0.1	0.3	1.6	27.0	1032	1009
30 P	0.5	7	0.30	0.4	0.1	0.3	1.6	27.5	1060	1036
31 P	0.5	7	0.30	0.4	0.1	0.3	1.7	28.0	1099	1074
32 P	0.5	7	0.30	0.4	0.1	0.3	1.7	28.5	1127	1102
33 P	0.5	7	0.30	0.4	0.1	0.3	1.7	29.0	1153	1128
34 P	0.5	7	0.30	0.4	0.1	0.3	1.7	29.0	1181	1155
35 P	0.5	7	0.30	0.4	0.1	0.3	1.7	29.5	1207	1181
36 P	0.5	7	0.30	0.4	0.1	0.3	1.7	30.0	1233	1207
37 P	0.5	7	0.30	0.4	0.1	0.3	1.7	30.0	1261	1234
38 P	0.5	7	0.30	0.4	0.1	0.3	1.7	30.5	1287	1260
39 P	0.5	7	0.30	0.4	0.1	0.3	1.7	31.0	1313	1286
40 P	0.5	7	0.30	0.4	0.1	0.3	1.7	31.0	1339	1312
41 P	0.5	7	0.30	0.4	0.1	0.3	1.8	31.5	1382	1354
42 P	0.5	7	0.30	0.4	0.1	0.3	1.8	32.0	1408	1380
43 P	0.5	7	0.30	0.4	0.1	0.3	1.8	32.5	1434	1406
44 P	0.5	7	0.30	0.4	0.1	0.3	1.8	32.5	1461	1432
45 P	0.5	7	0.30	0.4	0.1	0.3	1.8	33.0	1487	1458
46 P	0.5	7	0.30	0.4	0.1	0.3	1.8	33.0	1513	1484
47 P	0.5	7	0.30	0.4	0.1	0.3	1.8	33.5	1539	1510
48 P	0.5	7	0.30	0.4	0.1	0.3	1.8	33.5	1564	1534
50 P	0.5	7	0.30	0.4	0.1	0.3	1.8	34.5	1616	1586

0.5 SQ MM XLPE INSULATED, INDIVIDUAL ALMYLER & OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	0.5	7	0.30	0.4	0.1	0.2	1.0	9.0	111	106
2 T	0.5	7	0.30	0.4	0.1	0.2	1.1	12.5	184	178
3 T	0.5	7	0.30	0.4	0.1	0.2	1.2	13.0	225	218

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
4 T	0.5	7	0.30	0.4	0.1	0.2	1.2	14.5	267	259
5 T	0.5	7	0.30	0.4	0.1	0.2	1.2	15.5	308	300
6 T	0.5	7	0.30	0.4	0.1	0.3	1.3	17.5	408	393
7 T	0.5	7	0.30	0.4	0.1	0.3	1.3	17.5	435	420
8 T	0.5	7	0.30	0.4	0.1	0.3	1.3	19.0	492	476
9 T	0.5	7	0.30	0.4	0.1	0.3	1.4	21.0	552	534
10 T	0.5	7	0.30	0.4	0.1	0.3	1.4	19.5	558	542
11 T	0.5	7	0.30	0.4	0.1	0.3	1.4	20.5	599	581
12 T	0.5	7	0.30	0.4	0.1	0.3	1.4	20.5	626	609
13 T	0.5	7	0.30	0.4	0.1	0.3	1.5	23.5	713	693
14 T	0.5	7	0.30	0.4	0.1	0.3	1.5	23.5	740	720
15 T	0.5	7	0.30	0.4	0.1	0.3	1.5	24.5	788	767
16 T	0.5	7	0.30	0.4	0.1	0.3	1.5	24.5	815	794
17 T	0.5	7	0.30	0.4	0.1	0.3	1.6	26.0	875	853
18 T	0.5	7	0.30	0.4	0.1	0.3	1.6	26.0	902	880
19 T	0.5	7	0.30	0.4	0.1	0.3	1.6	26.0	929	907
20 T	0.5	7	0.30	0.4	0.1	0.3	1.6	27.5	982	958
21 T	0.5	7	0.30	0.4	0.1	0.3	1.6	27.5	1009	984
22 T	0.5	7	0.30	0.4	0.1	0.3	1.6	29.0	1061	1036
23 T	0.5	7	0.30	0.4	0.1	0.3	1.6	29.0	1088	1062
24 T	0.5	7	0.30	0.4	0.1	0.3	1.7	30.5	1152	1126
25 T	0.5	7	0.30	0.4	0.1	0.3	1.7	30.5	1179	1152
26 T	0.5	7	0.30	0.4	0.1	0.3	1.7	30.5	1206	1179
27 T	0.5	7	0.30	0.4	0.1	0.3	1.7	31.0	1244	1217
28 T	0.5	7	0.30	0.4	0.1	0.3	1.7	32.0	1292	1263
29 T	0.5	7	0.30	0.4	0.1	0.3	1.7	32.0	1319	1290
30 T	0.5	7	0.30	0.4	0.1	0.3	1.7	32.0	1346	1317
31 T	0.5	7	0.30	0.4	0.1	0.3	1.8	33.5	1410	1381
32 T	0.5	7	0.30	0.4	0.1	0.3	1.8	33.5	1437	1407
33 T	0.5	7	0.30	0.4	0.1	0.3	1.8	33.5	1464	1434
34 T	0.5	7	0.30	0.4	0.1	0.3	1.8	34.5	1514	1483
35 T	0.5	7	0.30	0.4	0.1	0.3	1.8	34.5	1541	1510
36 T	0.5	7	0.30	0.4	0.1	0.3	1.8	34.5	1568	1537
37 T	0.5	7	0.30	0.4	0.1	0.3	1.8	34.5	1595	1564
38 T	0.5	7	0.30	0.4	0.1	0.3	1.9	36.5	1665	1633
39 T	0.5	7	0.30	0.4	0.1	0.3	1.9	36.5	1692	1660
40 T	0.5	7	0.30	0.4	0.1	0.3	1.9	36.5	1719	1687
41 T	0.5	7	0.30	0.4	0.1	0.3	1.9	37.5	1773	1739
42 T	0.5	7	0.30	0.4	0.1	0.3	1.9	37.5	1800	1767
43 T	0.5	7	0.30	0.4	0.1	0.3	1.9	37.5	1827	1794
44 T	0.5	7	0.30	0.4	0.1	0.3	1.9	39.0	1880	1845
45 T	0.5	7	0.30	0.4	0.1	0.3	1.9	39.0	1907	1872
46 T	0.5	7	0.30	0.4	0.1	0.3	1.9	39.0	1934	1899
47 T	0.5	7	0.30	0.4	0.1	0.3	1.9	39.0	1960	1925
48 T	0.5	7	0.30	0.4	0.1	0.3	2.0	40.0	2017	1982
50 T	0.5	7	0.30	0.4	0.1	0.3	2.0	40.5	2087	2051

0.75 SQ MM XLPE INSULATED, INDIVIDUAL ALMYLER & OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC : 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	0.75	7	0.37	0.5	0.1	0.2	1.0	9.5	117	113
2 P	0.75	7	0.37	0.5	0.1	0.2	1.1	13.0	193	186
3 P	0.75	7	0.37	0.5	0.1	0.2	1.2	14.0	234	227
4 P	0.75	7	0.37	0.5	0.1	0.2	1.2	15.0	277	268
5 P	0.75	7	0.37	0.5	0.1	0.3	1.3	17.0	378	364
6 P	0.75	7	0.37	0.5	0.1	0.3	1.3	17.5	414	399
7 P	0.75	7	0.37	0.5	0.1	0.3	1.3	17.5	441	426
8 P	0.75	7	0.37	0.5	0.1	0.3	1.4	19.5	502	486
9 P	0.75	7	0.37	0.5	0.1	0.3	1.4	20.5	547	530
10 P	0.75	7	0.37	0.5	0.1	0.3	1.4	21.5	597	578
11 P	0.75	7	0.37	0.5	0.1	0.3	1.4	22.0	628	609
12 P	0.75	7	0.37	0.5	0.1	0.3	1.5	22.5	674	655
13 P	0.75	7	0.37	0.5	0.1	0.3	1.5	23.0	706	687
14 P	0.75	7	0.37	0.5	0.1	0.3	1.5	23.5	746	726
15 P	0.75	7	0.37	0.5	0.1	0.3	1.5	24.0	782	762
16 P	0.75	7	0.37	0.5	0.1	0.3	1.5	25.0	828	806
17 P	0.75	7	0.37	0.5	0.1	0.3	1.6	25.5	872	850
18 P	0.75	7	0.37	0.5	0.1	0.3	1.6	25.5	903	881
19 P	0.75	7	0.37	0.5	0.1	0.3	1.6	26.0	939	917
20 P	0.75	7	0.37	0.5	0.1	0.3	1.6	27.0	981	958
21 P	0.75	7	0.37	0.5	0.1	0.3	1.6	27.5	1018	994
22 P	0.75	7	0.37	0.5	0.1	0.3	1.7	28.0	1067	1042
23 P	0.75	7	0.37	0.5	0.1	0.3	1.7	28.5	1104	1079
24 P	0.75	7	0.37	0.5	0.1	0.3	1.7	29.0	1140	1115
25 P	0.75	7	0.37	0.5	0.1	0.3	1.7	29.5	1177	1151
26 P	0.75	7	0.37	0.5	0.1	0.3	1.7	30.0	1212	1185
27 P	0.75	7	0.37	0.5	0.1	0.3	1.7	30.5	1249	1222
28 P	0.75	7	0.37	0.5	0.1	0.3	1.8	31.0	1298	1270
29 P	0.75	7	0.37	0.5	0.1	0.3	1.8	31.5	1335	1307
30 P	0.75	7	0.37	0.5	0.1	0.3	1.8	32.0	1370	1341
31 P	0.75	7	0.37	0.5	0.1	0.3	1.8	32.5	1406	1378
32 P	0.75	7	0.37	0.5	0.1	0.3	1.8	33.0	1442	1412
33 P	0.75	7	0.37	0.5	0.1	0.3	1.8	33.5	1477	1447
34 P	0.75	7	0.37	0.5	0.1	0.3	1.9	34.0	1527	1497
35 P	0.75	7	0.37	0.5	0.1	0.3	1.9	34.5	1562	1532
36 P	0.75	7	0.37	0.5	0.1	0.3	1.9	35.0	1597	1567
37 P	0.75	7	0.37	0.5	0.1	0.3	1.9	35.0	1633	1602
38 P	0.75	7	0.37	0.5	0.1	0.3	1.9	35.5	1668	1636
39 P	0.75	7	0.37	0.5	0.1	0.3	1.9	36.0	1703	1671
40 P	0.75	7	0.37	0.5	0.1	0.3	1.9	36.5	1738	1706

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
41 P	0.75	7	0.37	0.5	0.1	0.3	2.0	37.0	1788	1756
42 P	0.75	7	0.37	0.5	0.1	0.3	2.0	37.5	1824	1791
43 P	0.75	7	0.37	0.5	0.1	0.3	2.0	37.5	1859	1826
44 P	0.75	7	0.37	0.5	0.1	0.3	2.0	38.0	1893	1859
45 P	0.75	7	0.37	0.5	0.1	0.3	2.0	38.5	1928	1894
46 P	0.75	7	0.37	0.5	0.1	0.3	2.0	38.5	1961	1927
47 P	0.75	7	0.37	0.5	0.1	0.3	2.0	39.0	1997	1962
48 P	0.75	7	0.37	0.5	0.1	0.3	2.0	39.5	2030	1995
50 P	0.75	7	0.37	0.5	0.1	0.3	2.1	40.5	2117	2081

0.75 SQ MM XLPE INSULATED, INDIVIDUAL ALMYLER & OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	0.75	7	0.37	0.5	0.1	0.2	1.0	10.0	132	127
2 T	0.75	7	0.37	0.5	0.1	0.2	1.2	14.0	231	224
3 T	0.75	7	0.37	0.5	0.1	0.2	1.2	15.0	279	271
4 T	0.75	7	0.37	0.5	0.1	0.3	1.3	17.0	387	373
5 T	0.75	7	0.37	0.5	0.1	0.3	1.3	18.5	448	432
6 T	0.75	7	0.37	0.5	0.1	0.3	1.4	20.0	517	500
7 T	0.75	7	0.37	0.5	0.1	0.3	1.4	20.0	554	537
8 T	0.75	7	0.37	0.5	0.1	0.3	1.4	22.0	629	610
9 T	0.75	7	0.37	0.5	0.1	0.3	1.5	24.0	708	687
10 T	0.75	7	0.37	0.5	0.1	0.3	1.5	22.5	718	699
11 T	0.75	7	0.37	0.5	0.1	0.3	1.5	23.5	773	753
12 T	0.75	7	0.37	0.5	0.1	0.3	1.5	23.5	810	789
13 T	0.75	7	0.37	0.5	0.1	0.3	1.6	27.5	921	897
14 T	0.75	7	0.37	0.5	0.1	0.3	1.6	27.5	958	934
15 T	0.75	7	0.37	0.5	0.1	0.3	1.6	29.0	1020	995
16 T	0.75	7	0.37	0.5	0.1	0.3	1.6	29.0	1057	1032
17 T	0.75	7	0.37	0.5	0.1	0.3	1.7	30.5	1134	1107
18 T	0.75	7	0.37	0.5	0.1	0.3	1.7	30.5	1171	1144
19 T	0.75	7	0.37	0.5	0.1	0.3	1.7	30.5	1208	1181
20 T	0.75	7	0.37	0.5	0.1	0.3	1.7	32.0	1276	1248
21 T	0.75	7	0.37	0.5	0.1	0.3	1.7	32.0	1313	1285
22 T	0.75	7	0.37	0.5	0.1	0.3	1.8	34.0	1395	1365
23 T	0.75	7	0.37	0.5	0.1	0.3	1.8	34.0	1432	1402

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
24 T	0.75	7	0.37	0.5	0.1	0.3	1.8	35.5	1502	1470
25 T	0.75	7	0.37	0.5	0.1	0.3	1.8	35.5	1539	1507
26 T	0.75	7	0.37	0.5	0.1	0.3	1.8	35.5	1576	1544
27 T	0.75	7	0.37	0.5	0.1	0.3	1.9	36.5	1643	1610
28 T	0.75	7	0.37	0.5	0.1	0.3	1.9	38.0	1705	1671
29 T	0.75	7	0.37	0.5	0.1	0.3	1.9	38.0	1742	1708
30 T	0.75	7	0.37	0.5	0.1	0.3	1.9	38.0	1779	1745
31 T	0.75	7	0.37	0.5	0.1	0.3	2.0	39.5	1861	1826
32 T	0.75	7	0.37	0.5	0.1	0.3	2.0	39.5	1898	1863
33 T	0.75	7	0.37	0.5	0.1	0.3	2.0	39.5	1935	1900
34 T	0.75	7	0.37	0.5	0.1	0.3	2.0	41.0	2002	1965
35 T	0.75	7	0.37	0.5	0.1	0.3	2.0	41.0	2039	2002
36 T	0.75	7	0.37	0.5	0.1	0.3	2.0	41.0	2076	2039
37 T	0.75	7	0.37	0.5	0.1	0.3	2.0	41.0	2113	2076
38 T	0.75	7	0.37	0.5	0.1	0.3	2.0	42.5	2182	2143
39 T	0.75	7	0.37	0.5	0.1	0.3	2.0	42.5	2219	2180
40 T	0.75	7	0.37	0.5	0.1	0.3	2.0	42.5	2256	2217
41 T	0.75	7	0.37	0.5	0.1	0.4	2.1	45.0	2473	2418
42 T	0.75	7	0.37	0.5	0.1	0.4	2.1	45.0	2510	2455
43 T	0.75	7	0.37	0.5	0.1	0.4	2.1	45.0	2547	2492
44 T	0.75	7	0.37	0.5	0.1	0.4	2.2	46.5	2642	2586
45 T	0.75	7	0.37	0.5	0.1	0.4	2.2	46.5	2679	2623
46 T	0.75	7	0.37	0.5	0.1	0.4	2.2	46.5	2716	2660
47 T	0.75	7	0.37	0.5	0.1	0.4	2.2	46.5	2753	2697
48 T	0.75	7	0.37	0.5	0.1	0.4	2.2	47.5	2807	2749
50 T	0.75	7	0.37	0.5	0.1	0.4	2.2	48.5	2905	2846

1.0 SQ MM XLPE INSULATED, INDIVIDUAL ALMYLER & OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	1	7	0.43	0.5	0.1	0.2	1.0	10.0	128	123
2 P	1	7	0.43	0.5	0.1	0.2	1.2	14.0	219	212
3 P	1	7	0.43	0.5	0.1	0.2	1.2	14.5	261	254
4 P	1	7	0.43	0.5	0.1	0.2	1.2	15.5	309	300
5 P	1	7	0.43	0.5	0.1	0.3	1.3	18.0	422	407

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
6 P	1	7	0.43	0.5	0.1	0.3	1.3	18.5	463	447
7 P	1	7	0.43	0.5	0.1	0.3	1.3	18.5	496	480
8 P	1	7	0.43	0.5	0.1	0.3	1.4	20.5	565	548
9 P	1	7	0.43	0.5	0.1	0.3	1.5	21.5	627	608
10 P	1	7	0.43	0.5	0.1	0.3	1.5	23.0	684	664
11 P	1	7	0.43	0.5	0.1	0.3	1.5	23.5	720	700
12 P	1	7	0.43	0.5	0.1	0.3	1.5	24.0	764	743
13 P	1	7	0.43	0.5	0.1	0.3	1.6	24.5	811	790
14 P	1	7	0.43	0.5	0.1	0.3	1.6	25.0	859	837
15 P	1	7	0.43	0.5	0.1	0.3	1.6	25.5	903	880
16 P	1	7	0.43	0.5	0.1	0.3	1.6	27.0	955	932
17 P	1	7	0.43	0.5	0.1	0.3	1.6	27.0	992	968
18 P	1	7	0.43	0.5	0.1	0.3	1.6	27.5	1030	1006
19 P	1	7	0.43	0.5	0.1	0.3	1.6	28.0	1072	1048
20 P	1	7	0.43	0.5	0.1	0.3	1.7	29.0	1134	1109
21 P	1	7	0.43	0.5	0.1	0.3	1.7	29.5	1176	1151
22 P	1	7	0.43	0.5	0.1	0.3	1.7	30.0	1220	1194
23 P	1	7	0.43	0.5	0.1	0.3	1.7	30.5	1263	1236
24 P	1	7	0.43	0.5	0.1	0.3	1.8	31.0	1319	1292
25 P	1	7	0.43	0.5	0.1	0.3	1.8	32.0	1363	1335
26 P	1	7	0.43	0.5	0.1	0.3	1.8	32.5	1406	1377
27 P	1	7	0.43	0.5	0.1	0.3	1.8	32.5	1446	1417
28 P	1	7	0.43	0.5	0.1	0.3	1.9	33.5	1504	1474
29 P	1	7	0.43	0.5	0.1	0.3	1.9	34.0	1546	1516
30 P	1	7	0.43	0.5	0.1	0.3	1.9	34.5	1589	1558
31 P	1	7	0.43	0.5	0.1	0.3	1.9	35.0	1632	1601
32 P	1	7	0.43	0.5	0.1	0.3	1.9	35.5	1672	1641
33 P	1	7	0.43	0.5	0.1	0.3	1.9	36.0	1715	1683
34 P	1	7	0.43	0.5	0.1	0.3	1.9	36.0	1755	1723
35 P	1	7	0.43	0.5	0.1	0.3	1.9	36.5	1796	1763
36 P	1	7	0.43	0.5	0.1	0.3	1.9	37.0	1839	1806
37 P	1	7	0.43	0.5	0.1	0.3	1.9	37.5	1879	1846
38 P	1	7	0.43	0.5	0.1	0.3	2.0	38.0	1937	1903
39 P	1	7	0.43	0.5	0.1	0.3	2.0	38.5	1978	1944
40 P	1	7	0.43	0.5	0.1	0.3	2.0	39.0	2021	1986
41 P	1	7	0.43	0.5	0.1	0.3	2.0	39.5	2062	2027
42 P	1	7	0.43	0.5	0.1	0.3	2.0	39.5	2101	2065
43 P	1	7	0.43	0.5	0.1	0.3	2.0	40.0	2142	2106
44 P	1	7	0.43	0.5	0.1	0.4	2.1	41.0	2316	2267
45 P	1	7	0.43	0.5	0.1	0.4	2.1	41.5	2358	2308
46 P	1	7	0.43	0.5	0.1	0.4	2.1	42.0	2400	2350
47 P	1	7	0.43	0.5	0.1	0.4	2.1	42.5	2443	2392
48 P	1	7	0.43	0.5	0.1	0.4	2.1	42.5	2482	2431
50 P	1	7	0.43	0.5	0.1	0.4	2.2	43.5	2587	2534

1.0 SQ MM XLPE INSULATED, INDIVIDUAL ALMYLER & OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	1	7	0.43	0.5	0.1	0.2	1.1	10.5	150	144
2 T	1	7	0.43	0.5	0.1	0.2	1.2	15.0	258	250
3 T	1	7	0.43	0.5	0.1	0.2	1.2	16.0	315	307
4 T	1	7	0.43	0.5	0.1	0.3	1.3	18.0	436	421
5 T	1	7	0.43	0.5	0.1	0.3	1.3	19.5	506	490
6 T	1	7	0.43	0.5	0.1	0.3	1.4	21.5	588	569
7 T	1	7	0.43	0.5	0.1	0.3	1.4	21.5	633	614
8 T	1	7	0.43	0.5	0.1	0.3	1.5	24.0	730	709
9 T	1	7	0.43	0.5	0.1	0.3	1.5	25.5	807	784
10 T	1	7	0.43	0.5	0.1	0.3	1.6	24.5	834	814
11 T	1	7	0.43	0.5	0.1	0.3	1.6	25.5	899	877
12 T	1	7	0.43	0.5	0.1	0.3	1.6	25.5	944	922
13 T	1	7	0.43	0.5	0.1	0.3	1.6	29.0	1058	1032
14 T	1	7	0.43	0.5	0.1	0.3	1.6	29.0	1103	1077
15 T	1	7	0.43	0.5	0.1	0.3	1.7	31.0	1190	1162
16 T	1	7	0.43	0.5	0.1	0.3	1.7	31.0	1235	1207
17 T	1	7	0.43	0.5	0.1	0.3	1.7	32.5	1309	1280
18 T	1	7	0.43	0.5	0.1	0.3	1.7	32.5	1354	1325
19 T	1	7	0.43	0.5	0.1	0.3	1.7	32.5	1399	1370
20 T	1	7	0.43	0.5	0.1	0.3	1.8	34.5	1494	1463
21 T	1	7	0.43	0.5	0.1	0.3	1.8	34.5	1539	1508
22 T	1	7	0.43	0.5	0.1	0.3	1.9	36.5	1634	1602
23 T	1	7	0.43	0.5	0.1	0.3	1.9	36.5	1679	1647
24 T	1	7	0.43	0.5	0.1	0.3	1.9	38.0	1758	1724
25 T	1	7	0.43	0.5	0.1	0.3	1.9	38.0	1803	1768
26 T	1	7	0.43	0.5	0.1	0.3	1.9	38.0	1848	1813
27 T	1	7	0.43	0.5	0.1	0.3	1.9	39.0	1908	1873
28 T	1	7	0.43	0.5	0.1	0.3	2.0	40.5	1999	1963
29 T	1	7	0.43	0.5	0.1	0.3	2.0	40.5	2044	2008
30 T	1	7	0.43	0.5	0.1	0.3	2.0	40.5	2089	2053
31 T	1	7	0.43	0.5	0.1	0.3	2.0	42.0	2164	2126
32 T	1	7	0.43	0.5	0.1	0.3	2.0	42.0	2209	2171
33 T	1	7	0.43	0.5	0.1	0.3	2.0	42.0	2254	2216
34 T	1	7	0.43	0.5	0.1	0.4	2.1	44.5	2475	2422
35 T	1	7	0.43	0.5	0.1	0.4	2.1	44.5	2520	2467
36 T	1	7	0.43	0.5	0.1	0.4	2.1	44.5	2565	2512
37 T	1	7	0.43	0.5	0.1	0.4	2.1	44.5	2611	2557
38 T	1	7	0.43	0.5	0.1	0.4	2.2	46.5	2719	2663
39 T	1	7	0.43	0.5	0.1	0.4	2.2	46.5	2764	2708
40 T	1	7	0.43	0.5	0.1	0.4	2.2	46.5	2809	2753

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
41 T	1	7	0.43	0.5	0.1	0.4	2.2	48.0	2896	2838
42 T	1	7	0.43	0.5	0.1	0.4	2.2	48.0	2942	2883
43 T	1	7	0.43	0.5	0.1	0.4	2.2	48.0	2987	2928
44 T	1	7	0.43	0.5	0.1	0.4	2.3	50.0	3097	3036
45 T	1	7	0.43	0.5	0.1	0.4	2.3	50.0	3142	3081
46 T	1	7	0.43	0.5	0.1	0.4	2.3	50.0	3187	3127
47 T	1	7	0.43	0.5	0.1	0.4	2.3	50.0	3232	3172
48 T	1	7	0.43	0.5	0.1	0.4	2.3	51.0	3297	3235
50 T	1	7	0.43	0.5	0.1	0.4	2.3	52.0	3411	3348

1.5 SQ MM XLPE INSULATED, INDIVIDUAL ALMYLER & OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC : 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

Size (No. of Pair / Triad)	Cross Sectiona Area (Sq mm)	No. of Strands ir Conducto Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable with ATC Braided Armoured	Approx. Net Weight of cable with G.I. Braided Armoured
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	1.5	7	0.53	0.6	0.1	0.2	1.1	11.0	157	152
2 P	1.5	7	0.53	0.6	0.1	0.3	1.3	16.5	318	305
3 P	1.5	7	0.53	0.6	0.1	0.3	1.3	17.0	377	363
4 P	1.5	7	0.53	0.6	0.1	0.3	1.3	18.5	445	430
5 P	1.5	7	0.53	0.6	0.1	0.3	1.4	20.5	534	516
6 P	1.5	7	0.53	0.6	0.1	0.3	1.4	21.5	589	571
7 P	1.5	7	0.53	0.6	0.1	0.3	1.4	21.5	635	616
8 P	1.5	7	0.53	0.6	0.1	0.3	1.5	23.5	723	703
9 P	1.5	7	0.53	0.6	0.1	0.3	1.6	25.0	803	781
10 P	1.5	7	0.53	0.6	0.1	0.3	1.6	26.5	877	854
11 P	1.5	7	0.53	0.6	0.1	0.3	1.6	27.0	928	904
12 P	1.5	7	0.53	0.6	0.1	0.3	1.7	27.5	998	974
13 P	1.5	7	0.53	0.6	0.1	0.3	1.7	28.0	1049	1025
14 P	1.5	7	0.53	0.6	0.1	0.3	1.7	29.0	1111	1086
15 P	1.5	7	0.53	0.6	0.1	0.3	1.8	30.0	1183	1157
16 P	1.5	7	0.53	0.6	0.1	0.3	1.8	31.0	1253	1226

Size (No. of Pair / Triad)	Cross Sectiona Area (Sq mm)	No. of Strands ir Conducto Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Approx. Net Weight of cable with ATC Braided Armoured	Approx. Net Weight of cable with G.I. Braided Armoured
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
17 P	1.5	7	0.53	0.6	0.1	0.3	1.8	31.5	1304	1276
18 P	1.5	7	0.53	0.6	0.1	0.3	1.8	31.5	1355	1327
19 P	1.5	7	0.53	0.6	0.1	0.3	1.8	32.5	1412	1383
20 P	1.5	7	0.53	0.6	0.1	0.3	1.9	33.5	1491	1462
21 P	1.5	7	0.53	0.6	0.1	0.3	1.9	34.0	1550	1520
22 P	1.5	7	0.53	0.6	0.1	0.3	1.9	35.0	1607	1576
23 P	1.5	7	0.53	0.6	0.1	0.3	1.9	35.5	1666	1634
24 P	1.5	7	0.53	0.6	0.1	0.3	2.0	36.5	1740	1708
25 P	1.5	7	0.53	0.6	0.1	0.3	2.0	37.0	1797	1764
26 P	1.5	7	0.53	0.6	0.1	0.3	2.0	37.5	1854	1821
27 P	1.5	7	0.53	0.6	0.1	0.3	2.0	38.0	1911	1878
28 P	1.5	7	0.53	0.6	0.1	0.4	2.1	39.5	2096	2049
29 P	1.5	7	0.53	0.6	0.1	0.4	2.1	40.0	2153	2106
30 P	1.5	7	0.53	0.6	0.1	0.4	2.1	40.5	2212	2164
31 P	1.5	7	0.53	0.6	0.1	0.4	2.2	41.5	2290	2241
32 P	1.5	7	0.53	0.6	0.1	0.4	2.2	42.0	2348	2298
33 P	1.5	7	0.53	0.6	0.1	0.4	2.2	42.5	2405	2354
34 P	1.5	7	0.53	0.6	0.1	0.4	2.2	43.0	2464	2413
35 P	1.5	7	0.53	0.6	0.1	0.4	2.2	43.5	2522	2470
36 P	1.5	7	0.53	0.6	0.1	0.4	2.2	44.0	2579	2526
37 P	1.5	7	0.53	0.6	0.1	0.4	2.2	44.5	2636	2582
38 P	1.5	7	0.53	0.6	0.1	0.4	2.3	45.0	2714	2660
39 P	1.5	7	0.53	0.6	0.1	0.4	2.3	45.5	2771	2716
40 P	1.5	7	0.53	0.6	0.1	0.4	2.3	46.0	2829	2773
41 P	1.5	7	0.53	0.6	0.1	0.4	2.3	46.5	2884	2828
42 P	1.5	7	0.53	0.6	0.1	0.4	2.3	47.0	2941	2884
43 P	1.5	7	0.53	0.6	0.1	0.4	2.3	47.5	2998	2941
44 P	1.5	7	0.53	0.6	0.1	0.4	2.4	48.0	3075	3018
45 P	1.5	7	0.53	0.6	0.1	0.4	2.4	48.5	3133	3074
46 P	1.5	7	0.53	0.6	0.1	0.4	2.4	49.0	3188	3129
47 P	1.5	7	0.53	0.6	0.1	0.4	2.4	49.5	3246	3186
48 P	1.5	7	0.53	0.6	0.1	0.4	2.4	50.0	3301	3241
50 P	1.5	7	0.53	0.6	0.1	0.4	2.5	51.0	3437	3376

1.5 SQ MM XLPE INSULATED, INDIVIDUAL ALMYLER & OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC : 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	1.5	7	0.53	0.6	0.1	0.2	1.1	11.5	182	176
2 T	1.5	7	0.53	0.6	0.1	0.3	1.3	18.0	379	364
3 T	1.5	7	0.53	0.6	0.1	0.3	1.3	19.0	459	443
4 T	1.5	7	0.53	0.6	0.1	0.3	1.4	20.5	560	543
5 T	1.5	7	0.53	0.6	0.1	0.3	1.5	22.5	663	644
6 T	1.5	7	0.53	0.6	0.1	0.3	1.5	24.5	760	739
7 T	1.5	7	0.53	0.6	0.1	0.3	1.5	24.5	823	802
8 T	1.5	7	0.53	0.6	0.1	0.3	1.6	27.5	950	926
9 T	1.5	7	0.53	0.6	0.1	0.3	1.7	30.0	1067	1041
10 T	1.5	7	0.53	0.6	0.1	0.3	1.7	28.0	1095	1071
11 T	1.5	7	0.53	0.6	0.1	0.3	1.7	29.5	1183	1157
12 T	1.5	7	0.53	0.6	0.1	0.3	1.8	29.5	1259	1234
13 T	1.5	7	0.53	0.6	0.1	0.3	1.8	34.0	1408	1378
14 T	1.5	7	0.53	0.6	0.1	0.3	1.8	34.0	1472	1441
15 T	1.5	7	0.53	0.6	0.1	0.3	1.9	36.0	1586	1554
16 T	1.5	7	0.53	0.6	0.1	0.3	1.9	36.0	1649	1617
17 T	1.5	7	0.53	0.6	0.1	0.3	1.9	38.0	1749	1715
18 T	1.5	7	0.53	0.6	0.1	0.3	1.9	38.0	1813	1779
19 T	1.5	7	0.53	0.6	0.1	0.3	1.9	38.0	1876	1842
20 T	1.5	7	0.53	0.6	0.1	0.3	2.0	40.5	1998	1962
21 T	1.5	7	0.53	0.6	0.1	0.3	2.0	40.5	2062	2026
22 T	1.5	7	0.53	0.6	0.1	0.4	2.1	43.0	2309	2257
23 T	1.5	7	0.53	0.6	0.1	0.4	2.1	43.0	2372	2320
24 T	1.5	7	0.53	0.6	0.1	0.4	2.2	45.5	2505	2451
25 T	1.5	7	0.53	0.6	0.1	0.4	2.2	45.5	2569	2514
26 T	1.5	7	0.53	0.6	0.1	0.4	2.2	45.5	2632	2577
27 T	1.5	7	0.53	0.6	0.1	0.4	2.2	46.5	2717	2661
28 T	1.5	7	0.53	0.6	0.1	0.4	2.3	48.5	2843	2784
29 T	1.5	7	0.53	0.6	0.1	0.4	2.3	48.5	2906	2847
30 T	1.5	7	0.53	0.6	0.1	0.4	2.3	48.5	2969	2911
31 T	1.5	7	0.53	0.6	0.1	0.4	2.3	50.0	3076	3015
32 T	1.5	7	0.53	0.6	0.1	0.4	2.3	50.0	3139	3078
33 T	1.5	7	0.53	0.6	0.1	0.4	2.3	50.0	3203	3142
34 T	1.5	7	0.53	0.6	0.1	0.4	2.4	52.0	3336	3273
35 T	1.5	7	0.53	0.6	0.1	0.4	2.4	52.0	3399	3336
36 T	1.5	7	0.53	0.6	0.1	0.4	2.4	52.0	3462	3399
37 T	1.5	7	0.53	0.6	0.1	0.4	2.4	52.0	3526	3462
38 T	1.5	7	0.53	0.6	0.1	0.4	2.5	54.5	3666	3600
39 T	1.5	7	0.53	0.6	0.1	0.4	2.5	54.5	3729	3663
40 T	1.5	7	0.53	0.6	0.1	0.4	2.5	54.5	3792	3726
41 T	1.5	7	0.53	0.6	0.1	0.4	2.5	56.5	3911	3842
42 T	1.5	7	0.53	0.6	0.1	0.4	2.5	56.5	3974	3905
43 T	1.5	7	0.53	0.6	0.1	0.4	2.5	56.5	4038	3968
44 T	1.5	7	0.53	0.6	0.1	0.4	2.6	59.0	4181	4109
45 T	1.5	7	0.53	0.6	0.1	0.4	2.6	59.0	4244	4172
46 T	1.5	7	0.53	0.6	0.1	0.4	2.6	59.0	4307	4235
47 T	1.5	7	0.53	0.6	0.1	0.4	2.6	59.0	4371	4299
48 T	1.5	7	0.53	0.6	0.1	0.4	2.6	60.0	4457	4384
50 T	1.5	7	0.53	0.6	0.1	0.4	2.7	61.5	4645	4570

2.5 SQ MM XLPE INSULATED, INDIVIDUAL ALMYLER & OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC : 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	2.5	7	0.67	0.6	0.1	0.2	1.1	12.0	188	182
2 P	2.5	7	0.67	0.6	0.1	0.3	1.3	17.5	381	366
3 P	2.5	7	0.67	0.6	0.1	0.3	1.4	19.0	470	454
4 P	2.5	7	0.67	0.6	0.1	0.3	1.4	20.5	562	545
5 P	2.5	7	0.67	0.6	0.1	0.3	1.5	23.0	676	656
6 P	2.5	7	0.67	0.6	0.1	0.3	1.5	23.5	753	733
7 P	2.5	7	0.67	0.6	0.1	0.3	1.5	23.5	818	798
8 P	2.5	7	0.67	0.6	0.1	0.3	1.6	26.0	934	911
9 P	2.5	7	0.67	0.6	0.1	0.3	1.7	27.5	1037	1013
10 P	2.5	7	0.67	0.6	0.1	0.3	1.7	29.5	1135	1110

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
11 P	2.5	7	0.67	0.6	0.1	0.3	1.7	29.5	1208	1182
12 P	2.5	7	0.67	0.6	0.1	0.3	1.8	30.5	1300	1273
13 P	2.5	7	0.67	0.6	0.1	0.3	1.8	31.0	1371	1344
14 P	2.5	7	0.67	0.6	0.1	0.3	1.8	32.0	1457	1429
15 P	2.5	7	0.67	0.6	0.1	0.3	1.9	33.0	1550	1521
16 P	2.5	7	0.67	0.6	0.1	0.3	1.9	34.5	1645	1614
17 P	2.5	7	0.67	0.6	0.1	0.3	2.0	35.0	1731	1701
18 P	2.5	7	0.67	0.6	0.1	0.3	2.0	35.5	1804	1773
19 P	2.5	7	0.67	0.6	0.1	0.3	2.0	36.0	1884	1852
20 P	2.5	7	0.67	0.6	0.1	0.3	2.0	37.0	1970	1938
21 P	2.5	7	0.67	0.6	0.1	0.3	2.0	38.0	2052	2018
22 P	2.5	7	0.67	0.6	0.1	0.4	2.1	39.5	2258	2211
23 P	2.5	7	0.67	0.6	0.1	0.4	2.1	40.0	2339	2291
24 P	2.5	7	0.67	0.6	0.1	0.4	2.2	41.0	2439	2391
25 P	2.5	7	0.67	0.6	0.1	0.4	2.2	41.5	2521	2472
26 P	2.5	7	0.67	0.6	0.1	0.4	2.2	42.5	2603	2552
27 P	2.5	7	0.67	0.6	0.1	0.4	2.2	43.0	2682	2631
28 P	2.5	7	0.67	0.6	0.1	0.4	2.3	44.0	2784	2732
29 P	2.5	7	0.67	0.6	0.1	0.4	2.3	44.5	2863	2810
30 P	2.5	7	0.67	0.6	0.1	0.4	2.3	45.0	2945	2891
31 P	2.5	7	0.67	0.6	0.1	0.4	2.3	45.5	3025	2970
32 P	2.5	7	0.67	0.6	0.1	0.4	2.3	46.5	3105	3049
33 P	2.5	7	0.67	0.6	0.1	0.4	2.3	47.0	3184	3128
34 P	2.5	7	0.67	0.6	0.1	0.4	2.4	47.5	3286	3228
35 P	2.5	7	0.67	0.6	0.1	0.4	2.4	48.5	3366	3308
36 P	2.5	7	0.67	0.6	0.1	0.4	2.4	49.0	3443	3384
37 P	2.5	7	0.67	0.6	0.1	0.4	2.4	49.5	3523	3463
38 P	2.5	7	0.67	0.6	0.1	0.4	2.5	50.0	3626	3566
39 P	2.5	7	0.67	0.6	0.1	0.4	2.5	50.5	3704	3643
40 P	2.5	7	0.67	0.6	0.1	0.4	2.5	51.5	3784	3722
41 P	2.5	7	0.67	0.6	0.1	0.4	2.6	52.0	3885	3823
42 P	2.5	7	0.67	0.6	0.1	0.4	2.6	52.5	3963	3900
43 P	2.5	7	0.67	0.6	0.1	0.4	2.6	53.0	4044	3980
44 P	2.5	7	0.67	0.6	0.1	0.4	2.6	53.5	4121	4057
45 P	2.5	7	0.67	0.6	0.1	0.4	2.6	54.0	4199	4134
46 P	2.5	7	0.67	0.6	0.1	0.4	2.6	54.5	4277	4211
47 P	2.5	7	0.67	0.6	0.1	0.4	2.6	55.0	4355	4288
48 P	2.5	7	0.67	0.6	0.1	0.4	2.7	56.0	4459	4391
50 P	2.5	7	0.67	0.6	0.1	0.4	2.7	57.0	4615	4546

2.5 SQ MM XLPE INSULATED, INDIVIDUAL ALMYLER & OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	2.5	7	0.67	0.6	0.1	0.2	1.1	12.5	221	214
2 T	2.5	7	0.67	0.6	0.1	0.3	1.4	19.5	472	455
3 T	2.5	7	0.67	0.6	0.1	0.3	1.4	21.0	584	566
4 T	2.5	7	0.67	0.6	0.1	0.3	1.5	23.0	717	697
5 T	2.5	7	0.67	0.6	0.1	0.3	1.6	25.0	857	835
6 T	2.5	7	0.67	0.6	0.1	0.3	1.6	27.0	987	963
7 T	2.5	7	0.67	0.6	0.1	0.3	1.6	27.0	1079	1055
8 T	2.5	7	0.67	0.6	0.1	0.3	1.7	30.5	1242	1215
9 T	2.5	7	0.67	0.6	0.1	0.3	1.8	33.5	1395	1366
10 T	2.5	7	0.67	0.6	0.1	0.3	1.9	31.5	1461	1434
11 T	2.5	7	0.67	0.6	0.1	0.3	1.9	33.0	1581	1552
12 T	2.5	7	0.67	0.6	0.1	0.3	1.9	33.0	1672	1643
13 T	2.5	7	0.67	0.6	0.1	0.3	2.0	38.0	1881	1847
14 T	2.5	7	0.67	0.6	0.1	0.3	2.0	38.0	1972	1938
15 T	2.5	7	0.67	0.6	0.1	0.3	2.0	40.0	2106	2070
16 T	2.5	7	0.67	0.6	0.1	0.3	2.0	40.0	2197	2161
17 T	2.5	7	0.67	0.6	0.1	0.4	2.1	43.0	2471	2419
18 T	2.5	7	0.67	0.6	0.1	0.4	2.1	43.0	2562	2511
19 T	2.5	7	0.67	0.6	0.1	0.4	2.1	43.0	2654	2602
20 T	2.5	7	0.67	0.6	0.1	0.4	2.2	45.5	2822	2767
21 T	2.5	7	0.67	0.6	0.1	0.4	2.2	45.5	2914	2859
22 T	2.5	7	0.67	0.6	0.1	0.4	2.3	48.0	3085	3027
23 T	2.5	7	0.67	0.6	0.1	0.4	2.3	48.0	3177	3118
24 T	2.5	7	0.67	0.6	0.1	0.4	2.4	51.0	3350	3288
25 T	2.5	7	0.67	0.6	0.1	0.4	2.4	51.0	3441	3380
26 T	2.5	7	0.67	0.6	0.1	0.4	2.4	51.0	3533	3472
27 T	2.5	7	0.67	0.6	0.1	0.4	2.4	52.0	3652	3589
28 T	2.5	7	0.67	0.6	0.1	0.4	2.5	54.0	3812	3747
29 T	2.5	7	0.67	0.6	0.1	0.4	2.5	54.0	3904	3839
30 T	2.5	7	0.67	0.6	0.1	0.4	2.5	54.0	3996	3931
31 T	2.5	7	0.67	0.6	0.1	0.4	2.6	56.0	4166	4098
32 T	2.5	7	0.67	0.6	0.1	0.4	2.6	56.0	4258	4190
33 T	2.5	7	0.67	0.6	0.1	0.4	2.6	56.0	4350	4281
34 T	2.5	7	0.67	0.6	0.1	0.4	2.6	58.5	4498	4426
35 T	2.5	7	0.67	0.6	0.1	0.4	2.6	58.5	4589	4518
36 T	2.5	7	0.67	0.6	0.1	0.4	2.6	58.5	4681	4610
37 T	2.5	7	0.67	0.6	0.1	0.4	2.6	58.5	4773	4701
38 T	2.5	7	0.67	0.6	0.1	0.4	2.7	61.0	4951	4877
39 T	2.5	7	0.67	0.6	0.1	0.4	2.7	61.0	5043	4969
40 T	2.5	7	0.67	0.6	0.1	0.4	2.7	61.0	5135	5060

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
41 T	2.5	7	0.67	0.6	0.1	0.4	2.8	63.5	5321	5243
42 T	2.5	7	0.67	0.6	0.1	0.4	2.8	63.5	5412	5335
43 T	2.5	7	0.67	0.6	0.1	0.4	2.8	63.5	5504	5426
44 T	2.5	7	0.67	0.6	0.1	0.4	2.9	66.0	5687	5606
45 T	2.5	7	0.67	0.6	0.1	0.4	2.9	66.0	5778	5698
46 T	2.5	7	0.67	0.6	0.1	0.4	2.9	66.0	5870	5789
47 T	2.5	7	0.67	0.6	0.1	0.4	2.9	66.0	5962	5881
48 T	2.5	7	0.67	0.6	0.1	0.4	2.9	67.0	6083	6001
50 T	2.5	7	0.67	0.6	0.1	0.4	3.0	69.0	6336	6252



INSTRUMENTATION CABLES OVERALL SHEILDED & ARMOURED LAPPED INNER SHEATH

RATED OPERATING VOLTAGE : 150/250 V (300 V)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 376

CABLE OVERALL SCREENED

CONDUCTOR MATERIAL : Stranded, annealed, tinned or untinned copper class 2 as per IEC 60228

INSULATION MATERIAL : XLPE Insulation, Optional- other polymeric compounds

LAY UP : Cores twisted to form a pair or triad, Twisted pairs or triads laid up

OVERALL SHEILDING : Overall shielded with lapped Mylar backed Aluminium tape provided with a stranded, tinned copper drain wire under the shielding tape

INNER COVER MATERIAL : Lapped polymeric tape

ARMOUR/ BRAIDING MATERIAL : Annealed Tinned Copper Wire, Optional GI wire, SS wire or Bronze wire

OUTERSHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional- other polymeric compounds

0.5 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELDED & BRAIDED ARMOURED CABLE
Standard Specification : IEC : 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)
DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	0.5	7	0.30	0.4	0.1	0.2	1.0	9.0	100	96
2 P	0.5	7	0.30	0.4	0.1	0.2	1.1	12.0	157	151
3 P	0.5	7	0.30	0.4	0.1	0.2	1.1	12.5	175	168
4 P	0.5	7	0.30	0.4	0.1	0.2	1.1	13.0	200	192
5 P	0.5	7	0.30	0.4	0.1	0.2	1.2	14.5	234	226
6 P	0.5	7	0.30	0.4	0.1	0.2	1.2	15.0	252	244
7 P	0.5	7	0.30	0.4	0.1	0.2	1.2	15.0	264	256
8 P	0.5	7	0.30	0.4	0.1	0.2	1.2	16.0	292	284
9 P	0.5	7	0.30	0.4	0.1	0.3	1.3	17.5	372	357
10 P	0.5	7	0.30	0.4	0.1	0.3	1.3	18.5	402	386
11 P	0.5	7	0.30	0.4	0.1	0.3	1.3	18.5	416	400
12 P	0.5	7	0.30	0.4	0.1	0.3	1.3	19.0	435	419
13 P	0.5	7	0.30	0.4	0.1	0.3	1.4	19.5	460	444
14 P	0.5	7	0.30	0.4	0.1	0.3	1.4	20.0	483	466
15 P	0.5	7	0.30	0.4	0.1	0.3	1.4	20.5	503	486
16 P	0.5	7	0.30	0.4	0.1	0.3	1.4	21.0	528	510
17 P	0.5	7	0.30	0.4	0.1	0.3	1.4	21.5	544	526

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
18 P	0.5	7	0.30	0.4	0.1	0.3	1.4	21.5	560	542
19 P	0.5	7	0.30	0.4	0.1	0.3	1.4	22.0	580	561
20 P	0.5	7	0.30	0.4	0.1	0.3	1.5	22.5	613	594
21 P	0.5	7	0.30	0.4	0.1	0.3	1.5	23.0	631	611
22 P	0.5	7	0.30	0.4	0.1	0.3	1.5	23.5	651	631
23 P	0.5	7	0.30	0.4	0.1	0.3	1.5	24.0	671	650
24 P	0.5	7	0.30	0.4	0.1	0.3	1.5	24.0	691	670
25 P	0.5	7	0.30	0.4	0.1	0.3	1.5	24.5	710	689
26 P	0.5	7	0.30	0.4	0.1	0.3	1.5	25.0	728	707
27 P	0.5	7	0.30	0.4	0.1	0.3	1.5	25.5	748	726
28 P	0.5	7	0.30	0.4	0.1	0.3	1.6	26.0	778	756
29 P	0.5	7	0.30	0.4	0.1	0.3	1.6	26.0	796	773
30 P	0.5	7	0.30	0.4	0.1	0.3	1.6	26.5	816	793
31 P	0.5	7	0.30	0.4	0.1	0.3	1.6	27.0	834	811
32 P	0.5	7	0.30	0.4	0.1	0.3	1.6	27.0	852	828
33 P	0.5	7	0.30	0.4	0.1	0.3	1.6	27.5	870	846
34 P	0.5	7	0.30	0.4	0.1	0.3	1.6	28.0	890	866
35 P	0.5	7	0.30	0.4	0.1	0.3	1.6	28.0	908	884
36 P	0.5	7	0.30	0.4	0.1	0.3	1.6	28.5	926	901
37 P	0.5	7	0.30	0.4	0.1	0.3	1.6	28.5	944	919
38 P	0.5	7	0.30	0.4	0.1	0.3	1.7	29.0	974	948
39 P	0.5	7	0.30	0.4	0.1	0.3	1.7	29.5	994	968
40 P	0.5	7	0.30	0.4	0.1	0.3	1.7	29.5	1010	984
41 P	0.5	7	0.30	0.4	0.1	0.3	1.7	30.0	1029	1002
42 P	0.5	7	0.30	0.4	0.1	0.3	1.7	30.5	1047	1020
43 P	0.5	7	0.30	0.4	0.1	0.3	1.7	30.5	1065	1038
44 P	0.5	7	0.30	0.4	0.1	0.3	1.7	31.0	1081	1054
45 P	0.5	7	0.30	0.4	0.1	0.3	1.7	31.0	1100	1072
46 P	0.5	7	0.30	0.4	0.1	0.3	1.7	31.5	1118	1090
47 P	0.5	7	0.30	0.4	0.1	0.3	1.7	31.5	1136	1108
48 P	0.5	7	0.30	0.4	0.1	0.3	1.7	32.0	1152	1124
50 P	0.5	7	0.30	0.4	0.1	0.3	1.8	32.5	1202	1173

0.5 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELD, BRAIDED ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	0.5	7	0.30	0.4	0.1	0.2	1.0	9.0	110	106
2 T	0.5	7	0.30	0.4	0.1	0.2	1.1	13.0	184	178

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
3 T	0.5	7	0.30	0.4	0.1	0.2	1.1	13.5	211	204
4 T	0.5	7	0.30	0.4	0.1	0.2	1.2	15.0	250	242
5 T	0.5	7	0.30	0.4	0.1	0.2	1.2	16.0	285	276
6 T	0.5	7	0.30	0.4	0.1	0.2	1.2	17.0	321	311
7 T	0.5	7	0.30	0.4	0.1	0.2	1.2	17.0	339	330
8 T	0.5	7	0.30	0.4	0.1	0.3	1.3	19.5	446	429
9 T	0.5	7	0.30	0.4	0.1	0.3	1.4	21.0	497	479
10 T	0.5	7	0.30	0.4	0.1	0.3	1.4	20.0	494	477
11 T	0.5	7	0.30	0.4	0.1	0.3	1.4	20.5	527	509
12 T	0.5	7	0.30	0.4	0.1	0.3	1.4	20.5	545	528
13 T	0.5	7	0.30	0.4	0.1	0.3	1.4	23.5	615	595
14 T	0.5	7	0.30	0.4	0.1	0.3	1.4	23.5	633	613
15 T	0.5	7	0.30	0.4	0.1	0.3	1.5	25.0	683	662
16 T	0.5	7	0.30	0.4	0.1	0.3	1.5	25.0	702	680
17 T	0.5	7	0.30	0.4	0.1	0.3	1.5	26.0	743	720
18 T	0.5	7	0.30	0.4	0.1	0.3	1.5	26.0	761	738
19 T	0.5	7	0.30	0.4	0.1	0.3	1.5	26.0	780	757
20 T	0.5	7	0.30	0.4	0.1	0.3	1.5	27.5	823	798
21 T	0.5	7	0.30	0.4	0.1	0.3	1.5	27.5	841	817
22 T	0.5	7	0.30	0.4	0.1	0.3	1.6	29.0	897	872
23 T	0.5	7	0.30	0.4	0.1	0.3	1.6	29.0	915	890
24 T	0.5	7	0.30	0.4	0.1	0.3	1.6	30.0	959	932
25 T	0.5	7	0.30	0.4	0.1	0.3	1.6	30.0	977	951
26 T	0.5	7	0.30	0.4	0.1	0.3	1.6	30.0	996	969
27 T	0.5	7	0.30	0.4	0.1	0.3	1.6	30.5	1026	999
28 T	0.5	7	0.30	0.4	0.1	0.3	1.7	32.0	1078	1050
29 T	0.5	7	0.30	0.4	0.1	0.3	1.7	32.0	1097	1068
30 T	0.5	7	0.30	0.4	0.1	0.3	1.7	32.0	1115	1087
31 T	0.5	7	0.30	0.4	0.1	0.3	1.7	33.0	1155	1126
32 T	0.5	7	0.30	0.4	0.1	0.3	1.7	33.0	1174	1144
33 T	0.5	7	0.30	0.4	0.1	0.3	1.7	33.0	1192	1163
34 T	0.5	7	0.30	0.4	0.1	0.3	1.7	34.0	1234	1204
35 T	0.5	7	0.30	0.4	0.1	0.3	1.7	34.0	1253	1222
36 T	0.5	7	0.30	0.4	0.1	0.3	1.7	34.0	1271	1241
37 T	0.5	7	0.30	0.4	0.1	0.3	1.7	34.0	1290	1259
38 T	0.5	7	0.30	0.4	0.1	0.3	1.8	35.5	1350	1318
39 T	0.5	7	0.30	0.4	0.1	0.3	1.8	35.5	1369	1337
40 T	0.5	7	0.30	0.4	0.1	0.3	1.8	35.5	1387	1355
41 T	0.5	7	0.30	0.4	0.1	0.3	1.8	37.0	1432	1399
42 T	0.5	7	0.30	0.4	0.1	0.3	1.8	37.0	1450	1417
43 T	0.5	7	0.30	0.4	0.1	0.3	1.8	37.0	1469	1436
44 T	0.5	7	0.30	0.4	0.1	0.3	1.9	38.5	1531	1496
45 T	0.5	7	0.30	0.4	0.1	0.3	1.9	38.5	1550	1515
46 T	0.5	7	0.30	0.4	0.1	0.3	1.9	38.5	1568	1534
47 T	0.5	7	0.30	0.4	0.1	0.3	1.9	38.5	1587	1552
48 T	0.5	7	0.30	0.4	0.1	0.3	1.9	39.0	1617	1582
50 T	0.5	7	0.30	0.4	0.1	0.3	1.9	40.0	1671	1635

0.75 SQ MM XLPE INSULATED,OVERALL ALMYLER SHIELD, BRAIDED ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	0.75	7	0.37	0.5	0.1	0.2	1.0	9.5	117	112
2 P	0.75	7	0.37	0.5	0.1	0.2	1.1	13.5	188	181
3 P	0.75	7	0.37	0.5	0.1	0.2	1.1	14.0	214	207
4 P	0.75	7	0.37	0.5	0.1	0.2	1.2	15.0	255	247
5 P	0.75	7	0.37	0.5	0.1	0.2	1.2	16.5	292	283
6 P	0.75	7	0.37	0.5	0.1	0.3	1.3	17.5	373	359
7 P	0.75	7	0.37	0.5	0.1	0.3	1.3	17.5	392	377
8 P	0.75	7	0.37	0.5	0.1	0.3	1.3	19.0	435	419
9 P	0.75	7	0.37	0.5	0.1	0.3	1.4	20.0	479	462
10 P	0.75	7	0.37	0.5	0.1	0.3	1.4	21.5	519	501
11 P	0.75	7	0.37	0.5	0.1	0.3	1.4	21.5	541	523
12 P	0.75	7	0.37	0.5	0.1	0.3	1.4	22.0	567	548
13 P	0.75	7	0.37	0.5	0.1	0.3	1.5	22.5	601	582
14 P	0.75	7	0.37	0.5	0.1	0.3	1.5	23.0	633	613
15 P	0.75	7	0.37	0.5	0.1	0.3	1.5	23.5	659	639
16 P	0.75	7	0.37	0.5	0.1	0.3	1.5	24.5	694	673
17 P	0.75	7	0.37	0.5	0.1	0.3	1.5	24.5	718	697
18 P	0.75	7	0.37	0.5	0.1	0.3	1.5	25.0	741	719
19 P	0.75	7	0.37	0.5	0.1	0.3	1.5	25.5	769	746
20 P	0.75	7	0.37	0.5	0.1	0.3	1.6	26.5	812	789
21 P	0.75	7	0.37	0.5	0.1	0.3	1.6	26.5	838	815
22 P	0.75	7	0.37	0.5	0.1	0.3	1.6	27.0	866	843
23 P	0.75	7	0.37	0.5	0.1	0.3	1.6	27.5	894	870
24 P	0.75	7	0.37	0.5	0.1	0.3	1.7	28.5	933	909
25 P	0.75	7	0.37	0.5	0.1	0.3	1.7	29.0	962	937
26 P	0.75	7	0.37	0.5	0.1	0.3	1.7	29.0	988	963
27 P	0.75	7	0.37	0.5	0.1	0.3	1.7	29.5	1015	989
28 P	0.75	7	0.37	0.5	0.1	0.3	1.7	30.0	1041	1015
29 P	0.75	7	0.37	0.5	0.1	0.3	1.7	30.5	1067	1040
30 P	0.75	7	0.37	0.5	0.1	0.3	1.7	31.0	1094	1066
31 P	0.75	7	0.37	0.5	0.1	0.3	1.7	31.0	1120	1092
32 P	0.75	7	0.37	0.5	0.1	0.3	1.7	31.5	1146	1118
33 P	0.75	7	0.37	0.5	0.1	0.3	1.7	32.0	1173	1144
34 P	0.75	7	0.37	0.5	0.1	0.3	1.8	32.5	1214	1185
35 P	0.75	7	0.37	0.5	0.1	0.3	1.8	33.0	1240	1211
36 P	0.75	7	0.37	0.5	0.1	0.3	1.8	33.5	1265	1235
37 P	0.75	7	0.37	0.5	0.1	0.3	1.8	33.5	1292	1262
38 P	0.75	7	0.37	0.5	0.1	0.3	1.8	34.0	1316	1286
39 P	0.75	7	0.37	0.5	0.1	0.3	1.8	34.5	1343	1312
40 P	0.75	7	0.37	0.5	0.1	0.3	1.8	34.5	1367	1336

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
41 P	0.75	7	0.37	0.5	0.1	0.3	1.9	35.5	1410	1378
42 P	0.75	7	0.37	0.5	0.1	0.3	1.9	35.5	1434	1403
43 P	0.75	7	0.37	0.5	0.1	0.3	1.9	36.0	1461	1429
44 P	0.75	7	0.37	0.5	0.1	0.3	1.9	36.5	1486	1454
45 P	0.75	7	0.37	0.5	0.1	0.3	1.9	36.5	1511	1478
46 P	0.75	7	0.37	0.5	0.1	0.3	1.9	37.0	1535	1502
47 P	0.75	7	0.37	0.5	0.1	0.3	1.9	37.5	1562	1529
48 P	0.75	7	0.37	0.5	0.1	0.3	1.9	37.5	1587	1553
50 P	0.75	7	0.37	0.5	0.1	0.3	2.0	38.5	1654	1619

0.75 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELD, BRAIDED ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	0.75	7	0.37	0.5	0.1	0.2	1.0	10.0	131	126
2 T	0.75	7	0.37	0.5	0.1	0.2	1.2	15.0	232	224
3 T	0.75	7	0.37	0.5	0.1	0.2	1.2	15.5	271	263
4 T	0.75	7	0.37	0.5	0.1	0.2	1.2	17.0	316	307
5 T	0.75	7	0.37	0.5	0.1	0.3	1.3	19.0	422	407
6 T	0.75	7	0.37	0.5	0.1	0.3	1.3	20.5	477	459
7 T	0.75	7	0.37	0.5	0.1	0.3	1.3	20.5	505	487
8 T	0.75	7	0.37	0.5	0.1	0.3	1.4	22.5	580	560
9 T	0.75	7	0.37	0.5	0.1	0.3	1.4	24.0	637	616
10 T	0.75	7	0.37	0.5	0.1	0.3	1.5	23.0	650	630
11 T	0.75	7	0.37	0.5	0.1	0.3	1.5	24.0	696	675
12 T	0.75	7	0.37	0.5	0.1	0.3	1.5	24.0	724	703
13 T	0.75	7	0.37	0.5	0.1	0.3	1.5	27.5	813	789
14 T	0.75	7	0.37	0.5	0.1	0.3	1.5	27.5	841	817
15 T	0.75	7	0.37	0.5	0.1	0.3	1.6	29.0	908	883
16 T	0.75	7	0.37	0.5	0.1	0.3	1.6	29.0	936	910
17 T	0.75	7	0.37	0.5	0.1	0.3	1.6	30.5	991	964
18 T	0.75	7	0.37	0.5	0.1	0.3	1.6	30.5	1018	991
19 T	0.75	7	0.37	0.5	0.1	0.3	1.6	30.5	1046	1,019
20 T	0.75	7	0.37	0.5	0.1	0.3	1.7	32.0	1119	1,091
21 T	0.75	7	0.37	0.5	0.1	0.3	1.7	32.0	1147	1,118
22 T	0.75	7	0.37	0.5	0.1	0.3	1.7	33.5	1206	1,176
23 T	0.75	7	0.37	0.5	0.1	0.3	1.7	33.5	1234	1,204

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
24 T	0.75	7	0.37	0.5	0.1	0.3	1.8	35.5	1307	1,275
25 T	0.75	7	0.37	0.5	0.1	0.3	1.8	35.5	1335	1,303
26 T	0.75	7	0.37	0.5	0.1	0.3	1.8	35.5	1363	1,331
27 T	0.75	7	0.37	0.5	0.1	0.3	1.8	36.0	1405	1,372
28 T	0.75	7	0.37	0.5	0.1	0.3	1.8	37.5	1458	1,425
29 T	0.75	7	0.37	0.5	0.1	0.3	1.8	37.5	1486	1,452
30 T	0.75	7	0.37	0.5	0.1	0.3	1.8	37.5	1514	1,480
31 T	0.75	7	0.37	0.5	0.1	0.3	1.9	39.0	1586	1,551
32 T	0.75	7	0.37	0.5	0.1	0.3	1.9	39.0	1613	1,578
33 T	0.75	7	0.37	0.5	0.1	0.3	1.9	39.0	1641	1,606
34 T	0.75	7	0.37	0.5	0.1	0.3	1.9	40.5	1698	1,661
35 T	0.75	7	0.37	0.5	0.1	0.3	1.9	40.5	1725	1,689
36 T	0.75	7	0.37	0.5	0.1	0.3	1.9	40.5	1753	1,717
37 T	0.75	7	0.37	0.5	0.1	0.3	1.9	40.5	1781	1,744
38 T	0.75	7	0.37	0.5	0.1	0.3	2.0	42.0	1861	1,823
39 T	0.75	7	0.37	0.5	0.1	0.3	2.0	42.0	1889	1,851
40 T	0.75	7	0.37	0.5	0.1	0.3	2.0	42.0	1916	1,878
41 T	0.75	7	0.37	0.5	0.1	0.3	2.0	43.5	1978	1,938
42 T	0.75	7	0.37	0.5	0.1	0.3	2.0	43.5	2005	1,966
43 T	0.75	7	0.37	0.5	0.1	0.3	2.0	43.5	2033	1,994
44 T	0.75	7	0.37	0.5	0.1	0.3	2.1	45.5	2115	2,074
45 T	0.75	7	0.37	0.5	0.1	0.3	2.1	45.5	2143	2,102
46 T	0.75	7	0.37	0.5	0.1	0.3	2.1	45.5	2171	2,130
47 T	0.75	7	0.37	0.5	0.1	0.3	2.1	45.5	2199	2,158
48 T	0.75	7	0.37	0.5	0.1	0.4	2.1	46.5	2372	2,316
50 T	0.75	7	0.37	0.5	0.1	0.4	2.1	47.5	2450	2,392

1.0 SQ MM XLPE INSULATED,OVERALL ALMYLER SHIELD, BRAIDED ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	1	7	0.43	0.5	0.1	0.2	1.0	10.0	127	122
2 P	1	7	0.43	0.5	0.1	0.2	1.1	14.0	208	201
3 P	1	7	0.43	0.5	0.1	0.2	1.2	15.0	247	239
4 P	1	7	0.43	0.5	0.1	0.2	1.2	16.0	287	278
5 P	1	7	0.43	0.5	0.1	0.3	1.3	18.0	389	374
6 P	1	7	0.43	0.5	0.1	0.3	1.3	18.5	422	406
7 P	1	7	0.43	0.5	0.1	0.3	1.3	18.5	445	430

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
8 P	1	7	0.43	0.5	0.1	0.3	1.4	20.5	505	488
9 P	1	7	0.43	0.5	0.1	0.3	1.4	21.5	547	528
10 P	1	7	0.43	0.5	0.1	0.3	1.4	22.5	594	575
11 P	1	7	0.43	0.5	0.1	0.3	1.4	23.0	621	602
12 P	1	7	0.43	0.5	0.1	0.3	1.5	23.5	665	645
13 P	1	7	0.43	0.5	0.1	0.3	1.5	24.0	694	673
14 P	1	7	0.43	0.5	0.1	0.3	1.5	24.5	731	709
15 P	1	7	0.43	0.5	0.1	0.3	1.5	25.0	764	742
16 P	1	7	0.43	0.5	0.1	0.3	1.5	26.0	806	783
17 P	1	7	0.43	0.5	0.1	0.3	1.6	26.5	847	824
18 P	1	7	0.43	0.5	0.1	0.3	1.6	26.5	875	851
19 P	1	7	0.43	0.5	0.1	0.3	1.6	27.0	908	884
20 P	1	7	0.43	0.5	0.1	0.3	1.6	28.0	947	922
21 P	1	7	0.43	0.5	0.1	0.3	1.6	28.5	980	955
22 P	1	7	0.43	0.5	0.1	0.3	1.7	29.0	1026	1001
23 P	1	7	0.43	0.5	0.1	0.3	1.7	29.5	1060	1034
24 P	1	7	0.43	0.5	0.1	0.3	1.7	30.0	1093	1067
25 P	1	7	0.43	0.5	0.1	0.3	1.7	30.5	1127	1100
26 P	1	7	0.43	0.5	0.1	0.3	1.7	31.0	1158	1131
27 P	1	7	0.43	0.5	0.1	0.3	1.7	31.5	1192	1164
28 P	1	7	0.43	0.5	0.1	0.3	1.8	32.0	1238	1209
29 P	1	7	0.43	0.5	0.1	0.3	1.8	32.5	1272	1243
30 P	1	7	0.43	0.5	0.1	0.3	1.8	33.0	1303	1274
31 P	1	7	0.43	0.5	0.1	0.3	1.8	33.5	1337	1307
32 P	1	7	0.43	0.5	0.1	0.3	1.8	34.0	1368	1338
33 P	1	7	0.43	0.5	0.1	0.3	1.8	34.5	1400	1369
34 P	1	7	0.43	0.5	0.1	0.3	1.9	35.0	1448	1417
35 P	1	7	0.43	0.5	0.1	0.3	1.9	35.5	1480	1448
36 P	1	7	0.43	0.5	0.1	0.3	1.9	36.0	1511	1480
37 P	1	7	0.43	0.5	0.1	0.3	1.9	36.0	1543	1511
38 P	1	7	0.43	0.5	0.1	0.3	1.9	36.5	1575	1542
39 P	1	7	0.43	0.5	0.1	0.3	1.9	37.0	1607	1574
40 P	1	7	0.43	0.5	0.1	0.3	1.9	37.5	1639	1605
41 P	1	7	0.43	0.5	0.1	0.3	1.9	37.5	1668	1635
42 P	1	7	0.43	0.5	0.1	0.3	1.9	38.0	1700	1666
43 P	1	7	0.43	0.5	0.1	0.3	1.9	38.5	1732	1698
44 P	1	7	0.43	0.5	0.1	0.3	2.0	39.0	1780	1745
45 P	1	7	0.43	0.5	0.1	0.3	2.0	39.5	1812	1777
46 P	1	7	0.43	0.5	0.1	0.3	2.0	39.5	1842	1806
47 P	1	7	0.43	0.5	0.1	0.3	2.0	40.0	1874	1838
48 P	1	7	0.43	0.5	0.1	0.3	2.0	40.5	1904	1867
50 P	1	7	0.43	0.5	0.1	0.3	2.0	41.0	1966	1929

1.0 SQ MM XLPE INSULATED,OVERALL ALMYLER SHIELD, BRAIDED ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	1	7	0.43	0.5	0.1	0.2	1.1	10.5	149	144
2 T	1	7	0.43	0.5	0.1	0.2	1.2	15.5	260	252
3 T	1	7	0.43	0.5	0.1	0.2	1.2	16.5	307	298
4 T	1	7	0.43	0.5	0.1	0.3	1.3	18.5	420	404
5 T	1	7	0.43	0.5	0.1	0.3	1.3	20.0	482	465
6 T	1	7	0.43	0.5	0.1	0.3	1.4	21.5	554	535
7 T	1	7	0.43	0.5	0.1	0.3	1.4	21.5	589	571
8 T	1	7	0.43	0.5	0.1	0.3	1.4	24.0	667	646
9 T	1	7	0.43	0.5	0.1	0.3	1.5	26.0	747	724
10 T	1	7	0.43	0.5	0.1	0.3	1.5	24.5	754	733
11 T	1	7	0.43	0.5	0.1	0.3	1.5	25.5	808	786
12 T	1	7	0.43	0.5	0.1	0.3	1.5	25.5	844	822
13 T	1	7	0.43	0.5	0.1	0.3	1.6	29.5	960	934
14 T	1	7	0.43	0.5	0.1	0.3	1.6	29.5	995	969
15 T	1	7	0.43	0.5	0.1	0.3	1.6	31.0	1059	1032
16 T	1	7	0.43	0.5	0.1	0.3	1.6	31.0	1095	1067
17 T	1	7	0.43	0.5	0.1	0.3	1.7	32.5	1176	1147
18 T	1	7	0.43	0.5	0.1	0.3	1.7	32.5	1211	1182
19 T	1	7	0.43	0.5	0.1	0.3	1.7	32.5	1247	1218
20 T	1	7	0.43	0.5	0.1	0.3	1.7	34.0	1314	1283
21 T	1	7	0.43	0.5	0.1	0.3	1.7	34.0	1349	1318
22 T	1	7	0.43	0.5	0.1	0.3	1.8	36.0	1436	1404
23 T	1	7	0.43	0.5	0.1	0.3	1.8	36.0	1472	1439
24 T	1	7	0.43	0.5	0.1	0.3	1.8	38.0	1541	1507
25 T	1	7	0.43	0.5	0.1	0.3	1.8	38.0	1577	1542
26 T	1	7	0.43	0.5	0.1	0.3	1.8	38.0	1612	1578
27 T	1	7	0.43	0.5	0.1	0.3	1.9	39.0	1679	1644
28 T	1	7	0.43	0.5	0.1	0.3	1.9	40.0	1743	1707
29 T	1	7	0.43	0.5	0.1	0.3	1.9	40.0	1779	1743
30 T	1	7	0.43	0.5	0.1	0.3	1.9	40.0	1814	1778
31 T	1	7	0.43	0.5	0.1	0.3	1.9	41.5	1881	1843
32 T	1	7	0.43	0.5	0.1	0.3	1.9	41.5	1916	1878
33 T	1	7	0.43	0.5	0.1	0.3	1.9	41.5	1951	1913
34 T	1	7	0.43	0.5	0.1	0.3	2.0	43.5	2037	1998
35 T	1	7	0.43	0.5	0.1	0.3	2.0	43.5	2073	2034
36 T	1	7	0.43	0.5	0.1	0.3	2.0	43.5	2108	2069
37 T	1	7	0.43	0.5	0.1	0.3	2.0	43.5	2144	2105
38 T	1	7	0.43	0.5	0.1	0.3	2.0	45.0	2215	2174
39 T	1	7	0.43	0.5	0.1	0.3	2.0	45.0	2250	2209
40 T	1	7	0.43	0.5	0.1	0.3	2.0	45.0	2286	2245

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
41 T	1	7	0.43	0.5	0.1	0.4	2.1	47.5	2511	2454
42 T	1	7	0.43	0.5	0.1	0.4	2.1	47.5	2547	2489
43 T	1	7	0.43	0.5	0.1	0.4	2.1	47.5	2582	2525
44 T	1	7	0.43	0.5	0.1	0.4	2.2	49.5	2682	2622
45 T	1	7	0.43	0.5	0.1	0.4	2.2	49.5	2717	2657
46 T	1	7	0.43	0.5	0.1	0.4	2.2	49.5	2753	2692
47 T	1	7	0.43	0.5	0.1	0.4	2.2	49.5	2788	2728
48 T	1	7	0.43	0.5	0.1	0.4	2.2	50.0	2843	2782
50 T	1	7	0.43	0.5	0.1	0.4	2.2	51.0	2939	2876

1.5 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELD, BRAIDED ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	1.5	7	0.53	0.6	0.1	0.2	1.1	11.0	157	152
2 P	1.5	7	0.53	0.6	0.1	0.2	1.2	16.0	263	254
3 P	1.5	7	0.53	0.6	0.1	0.2	1.2	16.5	309	300
4 P	1.5	7	0.53	0.6	0.1	0.3	1.3	18.5	422	407
5 P	1.5	7	0.53	0.6	0.1	0.3	1.4	20.5	499	481
6 P	1.5	7	0.53	0.6	0.1	0.3	1.4	21.5	545	527
7 P	1.5	7	0.53	0.6	0.1	0.3	1.4	21.5	580	562
8 P	1.5	7	0.53	0.6	0.1	0.3	1.5	23.5	659	639
9 P	1.5	7	0.53	0.6	0.1	0.3	1.5	24.5	716	695
10 P	1.5	7	0.53	0.6	0.1	0.3	1.6	26.0	792	769
11 P	1.5	7	0.53	0.6	0.1	0.3	1.6	26.5	833	809
12 P	1.5	7	0.53	0.6	0.1	0.3	1.6	27.0	879	856
13 P	1.5	7	0.53	0.6	0.1	0.3	1.6	27.5	920	896
14 P	1.5	7	0.53	0.6	0.1	0.3	1.6	28.5	973	948
15 P	1.5	7	0.53	0.6	0.1	0.3	1.7	29.0	1032	1007
16 P	1.5	7	0.53	0.6	0.1	0.3	1.7	30.5	1091	1064
17 P	1.5	7	0.53	0.6	0.1	0.3	1.7	30.5	1132	1105
18 P	1.5	7	0.53	0.6	0.1	0.3	1.7	31.0	1173	1146
19 P	1.5	7	0.53	0.6	0.1	0.3	1.7	31.5	1220	1192
20 P	1.5	7	0.53	0.6	0.1	0.3	1.8	32.5	1288	1259
21 P	1.5	7	0.53	0.6	0.1	0.3	1.8	33.0	1335	1306
22 P	1.5	7	0.53	0.6	0.1	0.3	1.9	34.0	1398	1368
23 P	1.5	7	0.53	0.6	0.1	0.3	1.9	34.5	1445	1415
24 P	1.5	7	0.53	0.6	0.1	0.3	1.9	35.0	1493	1462
25 P	1.5	7	0.53	0.6	0.1	0.3	1.9	36.0	1540	1508

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
26 P	1.5	7	0.53	0.6	0.1	0.3	1.9	36.5	1588	1555
27 P	1.5	7	0.53	0.6	0.1	0.3	1.9	37.0	1633	1600
28 P	1.5	7	0.53	0.6	0.1	0.3	2.0	37.5	1698	1664
29 P	1.5	7	0.53	0.6	0.1	0.3	2.0	38.0	1744	1710
30 P	1.5	7	0.53	0.6	0.1	0.3	2.0	38.5	1789	1755
31 P	1.5	7	0.53	0.6	0.1	0.3	2.0	39.0	1835	1800
32 P	1.5	7	0.53	0.6	0.1	0.3	2.0	40.0	1883	1847
33 P	1.5	7	0.53	0.6	0.1	0.3	2.0	40.0	1926	1890
34 P	1.5	7	0.53	0.6	0.1	0.4	2.1	41.5	2106	2057
35 P	1.5	7	0.53	0.6	0.1	0.4	2.1	42.0	2154	2103
36 P	1.5	7	0.53	0.6	0.1	0.4	2.1	42.5	2201	2150
37 P	1.5	7	0.53	0.6	0.1	0.4	2.1	43.0	2248	2197
38 P	1.5	7	0.53	0.6	0.1	0.4	2.2	43.5	2313	2261
39 P	1.5	7	0.53	0.6	0.1	0.4	2.2	44.0	2361	2308
40 P	1.5	7	0.53	0.6	0.1	0.4	2.2	44.5	2408	2355
41 P	1.5	7	0.53	0.6	0.1	0.4	2.2	45.0	2453	2399
42 P	1.5	7	0.53	0.6	0.1	0.4	2.2	45.5	2498	2444
43 P	1.5	7	0.53	0.6	0.1	0.4	2.2	46.0	2546	2491
44 P	1.5	7	0.53	0.6	0.1	0.4	2.3	46.5	2612	2557
45 P	1.5	7	0.53	0.6	0.1	0.4	2.3	47.0	2660	2604
46 P	1.5	7	0.53	0.6	0.1	0.4	2.3	47.5	2705	2648
47 P	1.5	7	0.53	0.6	0.1	0.4	2.3	47.5	2751	2693
48 P	1.5	7	0.53	0.6	0.1	0.4	2.3	48.0	2796	2738
50 P	1.5	7	0.53	0.6	0.1	0.4	2.3	49.0	2886	2827

1.5 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELD, BRAIDED ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	1.5	7	0.53	0.6	0.1	0.2	1.1	11.5	182	176
2 T	1.5	7	0.53	0.6	0.1	0.3	1.3	18.5	382	367
3 T	1.5	7	0.53	0.6	0.1	0.3	1.3	19.5	453	436
4 T	1.5	7	0.53	0.6	0.1	0.3	1.4	21.0	543	525
5 T	1.5	7	0.53	0.6	0.1	0.3	1.4	23.0	627	607
6 T	1.5	7	0.53	0.6	0.1	0.3	1.5	25.0	726	704
7 T	1.5	7	0.53	0.6	0.1	0.3	1.5	25.0	779	757
8 T	1.5	7	0.53	0.6	0.1	0.3	1.6	28.0	895	870
9 T	1.5	7	0.53	0.6	0.1	0.3	1.6	30.0	989	963
10 T	1.5	7	0.53	0.6	0.1	0.3	1.7	28.5	1019	994

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
11 T	1.5	7	0.53	0.6	0.1	0.3	1.7	29.5	1097	1071
12 T	1.5	7	0.53	0.6	0.1	0.3	1.7	29.5	1150	1124
13 T	1.5	7	0.53	0.6	0.1	0.3	1.8	34.0	1302	1272
14 T	1.5	7	0.53	0.6	0.1	0.3	1.8	34.0	1355	1325
15 T	1.5	7	0.53	0.6	0.1	0.3	1.8	36.0	1444	1412
16 T	1.5	7	0.53	0.6	0.1	0.3	1.8	36.0	1497	1465
17 T	1.5	7	0.53	0.6	0.1	0.3	1.9	38.0	1605	1571
18 T	1.5	7	0.53	0.6	0.1	0.3	1.9	38.0	1658	1624
19 T	1.5	7	0.53	0.6	0.1	0.3	1.9	38.0	1711	1676
20 T	1.5	7	0.53	0.6	0.1	0.3	1.9	40.0	1805	1768
21 T	1.5	7	0.53	0.6	0.1	0.3	1.9	40.0	1857	1821
22 T	1.5	7	0.53	0.6	0.1	0.3	2.0	42.5	1973	1934
23 T	1.5	7	0.53	0.6	0.1	0.3	2.0	42.5	2025	1987
24 T	1.5	7	0.53	0.6	0.1	0.3	2.1	44.5	2141	2100
25 T	1.5	7	0.53	0.6	0.1	0.3	2.1	44.5	2193	2153
26 T	1.5	7	0.53	0.6	0.1	0.3	2.1	44.5	2246	2206
27 T	1.5	7	0.53	0.6	0.1	0.4	2.1	46.0	2449	2393
28 T	1.5	7	0.53	0.6	0.1	0.4	2.2	48.0	2563	2505
29 T	1.5	7	0.53	0.6	0.1	0.4	2.2	48.0	2616	2558
30 T	1.5	7	0.53	0.6	0.1	0.4	2.2	48.0	2668	2610
31 T	1.5	7	0.53	0.6	0.1	0.4	2.2	49.5	2763	2703
32 T	1.5	7	0.53	0.6	0.1	0.4	2.2	49.5	2816	2756
33 T	1.5	7	0.53	0.6	0.1	0.4	2.2	49.5	2869	2809
34 T	1.5	7	0.53	0.6	0.1	0.4	2.3	51.5	2993	2930
35 T	1.5	7	0.53	0.6	0.1	0.4	2.3	51.5	3045	2982
36 T	1.5	7	0.53	0.6	0.1	0.4	2.3	51.5	3098	3035
37 T	1.5	7	0.53	0.6	0.1	0.4	2.3	51.5	3151	3088
38 T	1.5	7	0.53	0.6	0.1	0.4	2.3	53.5	3254	3188
39 T	1.5	7	0.53	0.6	0.1	0.4	2.3	53.5	3307	3241
40 T	1.5	7	0.53	0.6	0.1	0.4	2.3	53.5	3360	3294
41 T	1.5	7	0.53	0.6	0.1	0.4	2.4	56.0	3491	3423
42 T	1.5	7	0.53	0.6	0.1	0.4	2.4	56.0	3544	3475
43 T	1.5	7	0.53	0.6	0.1	0.4	2.4	56.0	3597	3528
44 T	1.5	7	0.53	0.6	0.1	0.4	2.5	58.0	3727	3656
45 T	1.5	7	0.53	0.6	0.1	0.4	2.5	58.0	3780	3709
46 T	1.5	7	0.53	0.6	0.1	0.4	2.5	58.0	3833	3762
47 T	1.5	7	0.53	0.6	0.1	0.4	2.5	58.0	3886	3815
48 T	1.5	7	0.53	0.6	0.1	0.4	2.5	59.0	3965	3892
50 T	1.5	7	0.53	0.6	0.1	0.4	2.6	60.5	4129	4055

2.5 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELD, BRAIDED ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	2.5	7	0.67	0.6	0.1	0.2	1.1	12.0	185	179
2 P	2.5	7	0.67	0.6	0.1	0.3	1.3	18.0	374	359
3 P	2.5	7	0.67	0.6	0.1	0.3	1.3	19.0	442	426
4 P	2.5	7	0.67	0.6	0.1	0.3	1.4	20.5	530	513
5 P	2.5	7	0.67	0.6	0.1	0.3	1.4	22.5	619	599
6 P	2.5	7	0.67	0.6	0.1	0.3	1.5	23.5	695	674
7 P	2.5	7	0.67	0.6	0.1	0.3	1.5	23.5	747	727
8 P	2.5	7	0.67	0.6	0.1	0.3	1.6	25.5	848	826
9 P	2.5	7	0.67	0.6	0.1	0.3	1.6	27.0	927	903
10 P	2.5	7	0.67	0.6	0.1	0.3	1.7	29.0	1025	1000
11 P	2.5	7	0.67	0.6	0.1	0.3	1.7	29.5	1083	1058
12 P	2.5	7	0.67	0.6	0.1	0.3	1.7	30.0	1149	1123
13 P	2.5	7	0.67	0.6	0.1	0.3	1.8	30.5	1223	1197
14 P	2.5	7	0.67	0.6	0.1	0.3	1.8	31.5	1296	1268
15 P	2.5	7	0.67	0.6	0.1	0.3	1.8	32.5	1362	1333
16 P	2.5	7	0.67	0.6	0.1	0.3	1.8	33.5	1440	1410
17 P	2.5	7	0.67	0.6	0.1	0.3	1.9	34.0	1516	1486
18 P	2.5	7	0.67	0.6	0.1	0.3	1.9	34.5	1574	1544
19 P	2.5	7	0.67	0.6	0.1	0.3	1.9	35.0	1641	1610
20 P	2.5	7	0.67	0.6	0.1	0.3	1.9	36.0	1714	1682
21 P	2.5	7	0.67	0.6	0.1	0.3	1.9	37.0	1780	1748
22 P	2.5	7	0.67	0.6	0.1	0.3	2.0	38.0	1864	1831
23 P	2.5	7	0.67	0.6	0.1	0.3	2.0	38.5	1931	1897
24 P	2.5	7	0.67	0.6	0.1	0.4	2.1	40.0	2127	2080
25 P	2.5	7	0.67	0.6	0.1	0.4	2.1	40.5	2194	2146
26 P	2.5	7	0.67	0.6	0.1	0.4	2.1	41.0	2261	2212
27 P	2.5	7	0.67	0.6	0.1	0.4	2.1	42.0	2330	2280
28 P	2.5	7	0.67	0.6	0.1	0.4	2.2	42.5	2417	2366
29 P	2.5	7	0.67	0.6	0.1	0.4	2.2	43.0	2484	2432
30 P	2.5	7	0.67	0.6	0.1	0.4	2.2	44.0	2551	2498
31 P	2.5	7	0.67	0.6	0.1	0.4	2.2	44.5	2618	2565
32 P	2.5	7	0.67	0.6	0.1	0.4	2.2	45.0	2685	2631
33 P	2.5	7	0.67	0.6	0.1	0.4	2.2	45.5	2750	2695
34 P	2.5	7	0.67	0.6	0.1	0.4	2.3	46.5	2838	2782
35 P	2.5	7	0.67	0.6	0.1	0.4	2.3	47.0	2903	2847
36 P	2.5	7	0.67	0.6	0.1	0.4	2.3	47.5	2970	2913
37 P	2.5	7	0.67	0.6	0.1	0.4	2.3	48.0	3035	2977
38 P	2.5	7	0.67	0.6	0.1	0.4	2.4	48.5	3122	3064
39 P	2.5	7	0.67	0.6	0.1	0.4	2.4	49.0	3190	3131
40 P	2.5	7	0.67	0.6	0.1	0.4	2.4	49.5	3255	3195

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
41 P	2.5	7	0.67	0.6	0.1	0.4	2.4	50.0	3320	3259
42 P	2.5	7	0.67	0.6	0.1	0.4	2.4	50.5	3385	3324
43 P	2.5	7	0.67	0.6	0.1	0.4	2.4	51.0	3450	3388
44 P	2.5	7	0.67	0.6	0.1	0.4	2.5	52.0	3537	3474
45 P	2.5	7	0.67	0.6	0.1	0.4	2.5	52.5	3604	3541
46 P	2.5	7	0.67	0.6	0.1	0.4	2.5	53.0	3667	3603
47 P	2.5	7	0.67	0.6	0.1	0.4	2.5	53.5	3733	3668
48 P	2.5	7	0.67	0.6	0.1	0.4	2.5	53.5	3795	3730
50 P	2.5	7	0.67	0.6	0.1	0.4	2.6	55.0	3951	3885

2.5 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELD, BRAIDED ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	2.5	7	0.67	0.6	0.1	0.2	1.1	12.5	219	212
2 T	2.5	7	0.67	0.6	0.1	0.3	1.3	20.0	463	446
3 T	2.5	7	0.67	0.6	0.1	0.3	1.4	21.5	571	553
4 T	2.5	7	0.67	0.6	0.1	0.3	1.4	23.0	682	662
5 T	2.5	7	0.67	0.6	0.1	0.3	1.5	25.5	807	785
6 T	2.5	7	0.67	0.6	0.1	0.3	1.6	27.5	937	913
7 T	2.5	7	0.67	0.6	0.1	0.3	1.6	27.5	1015	991
8 T	2.5	7	0.67	0.6	0.1	0.3	1.7	31.0	1169	1141
9 T	2.5	7	0.67	0.6	0.1	0.3	1.8	33.5	1310	1280
10 T	2.5	7	0.67	0.6	0.1	0.3	1.8	31.5	1346	1318
11 T	2.5	7	0.67	0.6	0.1	0.3	1.8	33.0	1452	1423
12 T	2.5	7	0.67	0.6	0.1	0.3	1.8	33.0	1531	1501
13 T	2.5	7	0.67	0.6	0.1	0.3	1.9	38.0	1727	1692
14 T	2.5	7	0.67	0.6	0.1	0.3	1.9	38.0	1805	1771
15 T	2.5	7	0.67	0.6	0.1	0.3	2.0	40.5	1943	1907
16 T	2.5	7	0.67	0.6	0.1	0.3	2.0	40.5	2021	1985
17 T	2.5	7	0.67	0.6	0.1	0.3	2.0	42.5	2144	2105
18 T	2.5	7	0.67	0.6	0.1	0.3	2.0	42.5	2222	2184
19 T	2.5	7	0.67	0.6	0.1	0.3	2.0	42.5	2300	2262
20 T	2.5	7	0.67	0.6	0.1	0.4	2.1	45.5	2575	2520
21 T	2.5	7	0.67	0.6	0.1	0.4	2.1	45.5	2653	2598
22 T	2.5	7	0.67	0.6	0.1	0.4	2.2	48.0	2812	2754
23 T	2.5	7	0.67	0.6	0.1	0.4	2.2	48.0	2890	2832
24 T	2.5	7	0.67	0.6	0.1	0.4	2.3	50.5	3049	2987

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
25 T	2.5	7	0.67	0.6	0.1	0.4	2.3	50.5	3127	3066
26 T	2.5	7	0.67	0.6	0.1	0.4	2.3	50.5	3205	3144
27 T	2.5	7	0.67	0.6	0.1	0.4	2.3	51.5	3309	3246
28 T	2.5	7	0.67	0.6	0.1	0.4	2.4	53.5	3457	3392
29 T	2.5	7	0.67	0.6	0.1	0.4	2.4	53.5	3535	3470
30 T	2.5	7	0.67	0.6	0.1	0.4	2.4	53.5	3614	3549
31 T	2.5	7	0.67	0.6	0.1	0.4	2.4	55.5	3744	3676
32 T	2.5	7	0.67	0.6	0.1	0.4	2.4	55.5	3822	3754
33 T	2.5	7	0.67	0.6	0.1	0.4	2.4	55.5	3900	3833
34 T	2.5	7	0.67	0.6	0.1	0.4	2.5	58.0	4059	3989
35 T	2.5	7	0.67	0.6	0.1	0.4	2.5	58.0	4138	4067
36 T	2.5	7	0.67	0.6	0.1	0.4	2.5	58.0	4216	4145
37 T	2.5	7	0.67	0.6	0.1	0.4	2.5	58.0	4294	4224
38 T	2.5	7	0.67	0.6	0.1	0.4	2.6	60.5	4461	4387
39 T	2.5	7	0.67	0.6	0.1	0.4	2.6	60.5	4539	4465
40 T	2.5	7	0.67	0.6	0.1	0.4	2.6	60.5	4617	4544
41 T	2.5	7	0.67	0.6	0.1	0.4	2.7	63.0	4788	4711
42 T	2.5	7	0.67	0.6	0.1	0.4	2.7	63.0	4867	4790
43 T	2.5	7	0.67	0.6	0.1	0.4	2.7	63.0	4945	4868
44 T	2.5	7	0.67	0.6	0.1	0.4	2.7	65.0	5086	5006
45 T	2.5	7	0.67	0.6	0.1	0.4	2.7	65.0	5164	5084
46 T	2.5	7	0.67	0.6	0.1	0.4	2.7	65.0	5242	5162
47 T	2.5	7	0.67	0.6	0.1	0.4	2.7	65.0	5321	5241
48 T	2.5	7	0.67	0.6	0.1	0.4	2.8	66.5	5459	5378
50 T	2.5	7	0.67	0.6	0.1	0.4	2.8	68.0	5655	5571

INSTRUMENTATION CABLES OVERALL SHEILDED & LAPPED INNER SHEATH

RATED OPERATING VOLTAGE : 150/250 V (300 V)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 376

CABLE OVERALL SCREENED

CONDUCTOR MATERIAL : Stranded, annealed, tinned or untinned copper class 2 as per IEC 60228

INSULATION MATERIAL : XLPE Insulation, Optional- other polymeric compounds

LAY UP : Multi Cores laid up

INNER COVER MATERIAL : Lapped polymeric tape

ARMOUR/ BRAIDING MATERIAL : Annealed Tinned Copper Wire, Optional GI wire, SS wire or Bronze wire

OUTERSHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional- other polymeric compounds

0.5 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC : 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	0.5	7	0.30	0.4	0.1	0.2	1.0	8.0	82	79
2 P	0.5	7	0.30	0.4	0.1	0.2	1.1	11.0	136	130
3 P	0.5	7	0.30	0.4	0.1	0.2	1.1	11.5	153	147
4 P	0.5	7	0.30	0.4	0.1	0.2	1.1	12.0	177	171
5 P	0.5	7	0.30	0.4	0.1	0.2	1.2	13.5	210	203
6 P	0.5	7	0.30	0.4	0.1	0.2	1.2	14.0	227	220
7 P	0.5	7	0.30	0.4	0.1	0.2	1.2	14.0	240	232
8 P	0.5	7	0.30	0.4	0.1	0.2	1.2	15.0	267	259
9 P	0.5	7	0.30	0.4	0.1	0.3	1.3	16.5	342	329
10 P	0.5	7	0.30	0.4	0.1	0.3	1.3	17.5	371	357
11 P	0.5	7	0.30	0.4	0.1	0.3	1.3	17.5	385	371
12 P	0.5	7	0.30	0.4	0.1	0.3	1.3	18.0	404	389
13 P	0.5	7	0.30	0.4	0.1	0.3	1.4	18.5	428	413
14 P	0.5	7	0.30	0.4	0.1	0.3	1.4	19.0	451	435
15 P	0.5	7	0.30	0.4	0.1	0.3	1.4	19.5	470	454
16 P	0.5	7	0.30	0.4	0.1	0.3	1.4	20.0	494	477
17 P	0.5	7	0.30	0.4	0.1	0.3	1.4	20.5	510	493
18 P	0.5	7	0.30	0.4	0.1	0.3	1.4	20.5	526	509
19 P	0.5	7	0.30	0.4	0.1	0.3	1.4	21.0	545	527
20 P	0.5	7	0.30	0.4	0.1	0.3	1.5	21.5	578	559

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
21 P	0.5	7	0.30	0.4	0.1	0.3	1.5	22.0	595	577
22 P	0.5	7	0.30	0.4	0.1	0.3	1.5	22.5	615	596
23 P	0.5	7	0.30	0.4	0.1	0.3	1.5	23.0	634	615
24 P	0.5	7	0.30	0.4	0.1	0.3	1.5	23.0	654	634
25 P	0.5	7	0.30	0.4	0.1	0.3	1.5	23.5	673	653
26 P	0.5	7	0.30	0.4	0.1	0.3	1.5	24.0	691	670
27 P	0.5	7	0.30	0.4	0.1	0.3	1.5	24.5	710	689
28 P	0.5	7	0.30	0.4	0.1	0.3	1.6	25.0	739	718
29 P	0.5	7	0.30	0.4	0.1	0.3	1.6	25.0	757	735
30 P	0.5	7	0.30	0.4	0.1	0.3	1.6	25.5	776	754
31 P	0.5	7	0.30	0.4	0.1	0.3	1.6	26.0	794	772
32 P	0.5	7	0.30	0.4	0.1	0.3	1.6	26.0	812	789
33 P	0.5	7	0.30	0.4	0.1	0.3	1.6	26.5	830	807
34 P	0.5	7	0.30	0.4	0.1	0.3	1.6	27.0	849	826
35 P	0.5	7	0.30	0.4	0.1	0.3	1.6	27.0	867	843
36 P	0.5	7	0.30	0.4	0.1	0.3	1.6	27.5	885	861
37 P	0.5	7	0.30	0.4	0.1	0.3	1.6	27.5	902	878
38 P	0.5	7	0.30	0.4	0.1	0.3	1.7	28.0	931	907
39 P	0.5	7	0.30	0.4	0.1	0.3	1.7	28.5	951	926
40 P	0.5	7	0.30	0.4	0.1	0.3	1.7	28.5	967	942
41 P	0.5	7	0.30	0.4	0.1	0.3	1.7	29.0	985	960
42 P	0.5	7	0.30	0.4	0.1	0.3	1.7	29.5	1003	977
43 P	0.5	7	0.30	0.4	0.1	0.3	1.7	29.5	1021	995
44 P	0.5	7	0.30	0.4	0.1	0.3	1.7	30.0	1037	1011
45 P	0.5	7	0.30	0.4	0.1	0.3	1.7	30.0	1055	1028
46 P	0.5	7	0.30	0.4	0.1	0.3	1.7	30.5	1073	1046
47 P	0.5	7	0.30	0.4	0.1	0.3	1.7	30.5	1091	1064
48 P	0.5	7	0.30	0.4	0.1	0.3	1.7	31.0	1107	1079
50 P	0.5	7	0.30	0.4	0.1	0.3	1.8	31.5	1155	1127

0.5 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	0.5	7	0.30	0.4	0.1	0.2	1.0	8.0	92	89
2 T	0.5	7	0.30	0.4	0.1	0.2	1.1	12.0	162	156
3 T	0.5	7	0.30	0.4	0.1	0.2	1.1	12.5	188	182
4 T	0.5	7	0.30	0.4	0.1	0.2	1.2	14.0	226	219

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
5 T	0.5	7	0.30	0.4	0.1	0.2	1.2	15.0	259	251
6 T	0.5	7	0.30	0.4	0.1	0.2	1.2	16.0	294	285
7 T	0.5	7	0.30	0.4	0.1	0.2	1.2	16.0	313	304
8 T	0.5	7	0.30	0.4	0.1	0.3	1.3	18.5	414	398
9 T	0.5	7	0.30	0.4	0.1	0.3	1.4	20.0	464	447
10 T	0.5	7	0.30	0.4	0.1	0.3	1.4	19.0	461	446
11 T	0.5	7	0.30	0.4	0.1	0.3	1.4	19.5	494	477
12 T	0.5	7	0.30	0.4	0.1	0.3	1.4	19.5	512	496
13 T	0.5	7	0.30	0.4	0.1	0.3	1.4	22.5	579	560
14 T	0.5	7	0.30	0.4	0.1	0.3	1.4	22.5	597	578
15 T	0.5	7	0.30	0.4	0.1	0.3	1.5	24.0	646	625
16 T	0.5	7	0.30	0.4	0.1	0.3	1.5	24.0	664	644
17 T	0.5	7	0.30	0.4	0.1	0.3	1.5	25.0	704	682
18 T	0.5	7	0.30	0.4	0.1	0.3	1.5	25.0	722	701
19 T	0.5	7	0.30	0.4	0.1	0.3	1.5	25.0	741	719
20 T	0.5	7	0.30	0.4	0.1	0.3	1.5	26.5	782	759
21 T	0.5	7	0.30	0.4	0.1	0.3	1.5	26.5	801	778
22 T	0.5	7	0.30	0.4	0.1	0.3	1.6	28.0	855	831
23 T	0.5	7	0.30	0.4	0.1	0.3	1.6	28.0	873	849
24 T	0.5	7	0.30	0.4	0.1	0.3	1.6	29.0	916	890
25 T	0.5	7	0.30	0.4	0.1	0.3	1.6	29.0	934	908
26 T	0.5	7	0.30	0.4	0.1	0.3	1.6	29.0	953	927
27 T	0.5	7	0.30	0.4	0.1	0.3	1.6	29.5	982	956
28 T	0.5	7	0.30	0.4	0.1	0.3	1.7	31.0	1033	1005
29 T	0.5	7	0.30	0.4	0.1	0.3	1.7	31.0	1051	1024
30 T	0.5	7	0.30	0.4	0.1	0.3	1.7	31.0	1070	1042
31 T	0.5	7	0.30	0.4	0.1	0.3	1.7	32.0	1109	1080
32 T	0.5	7	0.30	0.4	0.1	0.3	1.7	32.0	1127	1099
33 T	0.5	7	0.30	0.4	0.1	0.3	1.7	32.0	1146	1117
34 T	0.5	7	0.30	0.4	0.1	0.3	1.7	33.0	1186	1157
35 T	0.5	7	0.30	0.4	0.1	0.3	1.7	33.0	1205	1175
36 T	0.5	7	0.30	0.4	0.1	0.3	1.7	33.0	1223	1194
37 T	0.5	7	0.30	0.4	0.1	0.3	1.7	33.0	1242	1212
38 T	0.5	7	0.30	0.4	0.1	0.3	1.8	34.5	1300	1270
39 T	0.5	7	0.30	0.4	0.1	0.3	1.8	34.5	1319	1288
40 T	0.5	7	0.30	0.4	0.1	0.3	1.8	34.5	1338	1307
41 T	0.5	7	0.30	0.4	0.1	0.3	1.8	36.0	1381	1348
42 T	0.5	7	0.30	0.4	0.1	0.3	1.8	36.0	1399	1367
43 T	0.5	7	0.30	0.4	0.1	0.3	1.8	36.0	1418	1386
44 T	0.5	7	0.30	0.4	0.1	0.3	1.9	37.5	1478	1445
45 T	0.5	7	0.30	0.4	0.1	0.3	1.9	37.5	1497	1463
46 T	0.5	7	0.30	0.4	0.1	0.3	1.9	37.5	1515	1482
47 T	0.5	7	0.30	0.4	0.1	0.3	1.9	37.5	1534	1500
48 T	0.5	7	0.30	0.4	0.1	0.3	1.9	38.0	1564	1530
50 T	0.5	7	0.30	0.4	0.1	0.3	1.9	39.0	1617	1582

0.75 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	0.75	7	0.37	0.5	0.1	0.2	1.0	8.5	99	94
2 P	0.75	7	0.37	0.5	0.1	0.2	1.1	12.5	166	160
3 P	0.75	7	0.37	0.5	0.1	0.2	1.1	13.0	191	184
4 P	0.75	7	0.37	0.5	0.1	0.2	1.2	14.0	230	223
5 P	0.75	7	0.37	0.5	0.1	0.2	1.2	15.5	266	258
6 P	0.75	7	0.37	0.5	0.1	0.3	1.3	16.5	344	330
7 P	0.75	7	0.37	0.5	0.1	0.3	1.3	16.5	362	349
8 P	0.75	7	0.37	0.5	0.1	0.3	1.3	18.0	404	389
9 P	0.75	7	0.37	0.5	0.1	0.3	1.4	19.0	446	430
10 P	0.75	7	0.37	0.5	0.1	0.3	1.4	20.5	485	468
11 P	0.75	7	0.37	0.5	0.1	0.3	1.4	20.5	507	490
12 P	0.75	7	0.37	0.5	0.1	0.3	1.4	21.0	533	515
13 P	0.75	7	0.37	0.5	0.1	0.3	1.5	21.5	566	548
14 P	0.75	7	0.37	0.5	0.1	0.3	1.5	22.0	597	578
15 P	0.75	7	0.37	0.5	0.1	0.3	1.5	22.5	623	603
16 P	0.75	7	0.37	0.5	0.1	0.3	1.5	23.5	657	637
17 P	0.75	7	0.37	0.5	0.1	0.3	1.5	23.5	681	660
18 P	0.75	7	0.37	0.5	0.1	0.3	1.5	24.0	703	682
19 P	0.75	7	0.37	0.5	0.1	0.3	1.5	24.5	730	709
20 P	0.75	7	0.37	0.5	0.1	0.3	1.6	25.5	773	751
21 P	0.75	7	0.37	0.5	0.1	0.3	1.6	25.5	798	776
22 P	0.75	7	0.37	0.5	0.1	0.3	1.6	26.0	826	803
23 P	0.75	7	0.37	0.5	0.1	0.3	1.6	26.5	854	830
24 P	0.75	7	0.37	0.5	0.1	0.3	1.7	27.5	892	868
25 P	0.75	7	0.37	0.5	0.1	0.3	1.7	28.0	919	895
26 P	0.75	7	0.37	0.5	0.1	0.3	1.7	28.0	945	921
27 P	0.75	7	0.37	0.5	0.1	0.3	1.7	28.5	971	946
28 P	0.75	7	0.37	0.5	0.1	0.3	1.7	29.0	997	972
29 P	0.75	7	0.37	0.5	0.1	0.3	1.7	29.5	1023	998
30 P	0.75	7	0.37	0.5	0.1	0.3	1.7	30.0	1049	1023
31 P	0.75	7	0.37	0.5	0.1	0.3	1.7	30.0	1075	1049
32 P	0.75	7	0.37	0.5	0.1	0.3	1.7	30.5	1101	1074
33 P	0.75	7	0.37	0.5	0.1	0.3	1.7	31.0	1127	1100
34 P	0.75	7	0.37	0.5	0.1	0.3	1.8	31.5	1167	1140
35 P	0.75	7	0.37	0.5	0.1	0.3	1.8	32.0	1194	1165
36 P	0.75	7	0.37	0.5	0.1	0.3	1.8	32.5	1218	1189
37 P	0.75	7	0.37	0.5	0.1	0.3	1.8	32.5	1244	1215
38 P	0.75	7	0.37	0.5	0.1	0.3	1.8	33.0	1268	1239
39 P	0.75	7	0.37	0.5	0.1	0.3	1.8	33.5	1294	1265
40 P	0.75	7	0.37	0.5	0.1	0.3	1.8	33.5	1318	1289

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
41 P	0.75	7	0.37	0.5	0.1	0.3	1.9	34.5	1360	1330
42 P	0.75	7	0.37	0.5	0.1	0.3	1.9	34.5	1385	1354
43 P	0.75	7	0.37	0.5	0.1	0.3	1.9	35.0	1411	1380
44 P	0.75	7	0.37	0.5	0.1	0.3	1.9	35.5	1435	1404
45 P	0.75	7	0.37	0.5	0.1	0.3	1.9	35.5	1460	1428
46 P	0.75	7	0.37	0.5	0.1	0.3	1.9	36.0	1484	1452
47 P	0.75	7	0.37	0.5	0.1	0.3	1.9	36.5	1510	1478
48 P	0.75	7	0.37	0.5	0.1	0.3	1.9	36.5	1535	1502
50 P	0.75	7	0.37	0.5	0.1	0.3	2.0	37.5	1601	1567

0.75 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	0.75	7	0.37	0.5	0.1	0.2	1.0	9.0	113	108
2 T	0.75	7	0.37	0.5	0.1	0.2	1.2	14.0	208	200
3 T	0.75	7	0.37	0.5	0.1	0.2	1.2	14.5	246	238
4 T	0.75	7	0.37	0.5	0.1	0.2	1.2	16.0	290	281
5 T	0.75	7	0.37	0.5	0.1	0.3	1.3	18.0	392	377
6 T	0.75	7	0.37	0.5	0.1	0.3	1.3	19.5	444	428
7 T	0.75	7	0.37	0.5	0.1	0.3	1.3	19.5	472	456
8 T	0.75	7	0.37	0.5	0.1	0.3	1.4	21.5	545	526
9 T	0.75	7	0.37	0.5	0.1	0.3	1.4	23.0	600	580
10 T	0.75	7	0.37	0.5	0.1	0.3	1.5	22.0	614	595
11 T	0.75	7	0.37	0.5	0.1	0.3	1.5	23.0	659	640
12 T	0.75	7	0.37	0.5	0.1	0.3	1.5	23.0	687	667
13 T	0.75	7	0.37	0.5	0.1	0.3	1.5	26.5	773	750
14 T	0.75	7	0.37	0.5	0.1	0.3	1.5	26.5	801	778
15 T	0.75	7	0.37	0.5	0.1	0.3	1.6	28.0	866	842
16 T	0.75	7	0.37	0.5	0.1	0.3	1.6	28.0	894	869
17 T	0.75	7	0.37	0.5	0.1	0.3	1.6	29.5	947	921
18 T	0.75	7	0.37	0.5	0.1	0.3	1.6	29.5	975	949
19 T	0.75	7	0.37	0.5	0.1	0.3	1.6	29.5	1003	977
20 T	0.75	7	0.37	0.5	0.1	0.3	1.7	31.0	1073	1046
21 T	0.75	7	0.37	0.5	0.1	0.3	1.7	31.0	1101	1074
22 T	0.75	7	0.37	0.5	0.1	0.3	1.7	32.5	1159	1130
23 T	0.75	7	0.37	0.5	0.1	0.3	1.7	32.5	1186	1157
24 T	0.75	7	0.37	0.5	0.1	0.3	1.8	34.5	1258	1227
25 T	0.75	7	0.37	0.5	0.1	0.3	1.8	34.5	1286	1255

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
26 T	0.75	7	0.37	0.5	0.1	0.3	1.8	34.5	1313	1283
27 T	0.75	7	0.37	0.5	0.1	0.3	1.8	35.0	1354	1323
28 T	0.75	7	0.37	0.5	0.1	0.3	1.8	36.5	1407	1374
29 T	0.75	7	0.37	0.5	0.1	0.3	1.8	36.5	1435	1402
30 T	0.75	7	0.37	0.5	0.1	0.3	1.8	36.5	1462	1430
31 T	0.75	7	0.37	0.5	0.1	0.3	1.9	38.0	1532	1498
32 T	0.75	7	0.37	0.5	0.1	0.3	1.9	38.0	1560	1526
33 T	0.75	7	0.37	0.5	0.1	0.3	1.9	38.0	1588	1554
34 T	0.75	7	0.37	0.5	0.1	0.3	1.9	39.5	1643	1607
35 T	0.75	7	0.37	0.5	0.1	0.3	1.9	39.5	1671	1635
36 T	0.75	7	0.37	0.5	0.1	0.3	1.9	39.5	1699	1663
37 T	0.75	7	0.37	0.5	0.1	0.3	1.9	39.5	1726	1691
38 T	0.75	7	0.37	0.5	0.1	0.3	2.0	41.0	1804	1767
39 T	0.75	7	0.37	0.5	0.1	0.3	2.0	41.0	1832	1795
40 T	0.75	7	0.37	0.5	0.1	0.3	2.0	41.0	1859	1822
41 T	0.75	7	0.37	0.5	0.1	0.3	2.0	42.5	1919	1880
42 T	0.75	7	0.37	0.5	0.1	0.3	2.0	42.5	1947	1908
43 T	0.75	7	0.37	0.5	0.1	0.3	2.0	42.5	1975	1936
44 T	0.75	7	0.37	0.5	0.1	0.3	2.1	44.5	2055	2015
45 T	0.75	7	0.37	0.5	0.1	0.3	2.1	44.5	2083	2042
46 T	0.75	7	0.37	0.5	0.1	0.3	2.1	44.5	2110	2070
47 T	0.75	7	0.37	0.5	0.1	0.3	2.1	44.5	2138	2098
48 T	0.75	7	0.37	0.5	0.1	0.4	2.1	45.5	2308	2253
50 T	0.75	7	0.37	0.5	0.1	0.4	2.1	46.5	2385	2328

1.0 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC : 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	1	7	0.43	0.5	0.1	0.2	1.0	9.0	109	104
2 P	1	7	0.43	0.5	0.1	0.2	1.1	13.0	185	178
3 P	1	7	0.43	0.5	0.1	0.2	1.2	14.0	223	216
4 P	1	7	0.43	0.5	0.1	0.2	1.2	15.0	261	253
5 P	1	7	0.43	0.5	0.1	0.3	1.3	17.0	359	345
6 P	1	7	0.43	0.5	0.1	0.3	1.3	17.5	391	376
7 P	1	7	0.43	0.5	0.1	0.3	1.3	17.5	415	400
8 P	1	7	0.43	0.5	0.1	0.3	1.4	19.5	472	456
9 P	1	7	0.43	0.5	0.1	0.3	1.4	20.5	513	496
10 P	1	7	0.43	0.5	0.1	0.3	1.4	21.5	559	541

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
11 P	1	7	0.43	0.5	0.1	0.3	1.4	22.0	586	567
12 P	1	7	0.43	0.5	0.1	0.3	1.5	22.5	628	609
13 P	1	7	0.43	0.5	0.1	0.3	1.5	23.0	657	638
14 P	1	7	0.43	0.5	0.1	0.3	1.5	23.5	693	673
15 P	1	7	0.43	0.5	0.1	0.3	1.5	24.0	726	705
16 P	1	7	0.43	0.5	0.1	0.3	1.5	25.0	767	745
17 P	1	7	0.43	0.5	0.1	0.3	1.6	25.5	808	786
18 P	1	7	0.43	0.5	0.1	0.3	1.6	25.5	835	812
19 P	1	7	0.43	0.5	0.1	0.3	1.6	26.0	868	845
20 P	1	7	0.43	0.5	0.1	0.3	1.6	27.0	906	882
21 P	1	7	0.43	0.5	0.1	0.3	1.6	27.5	938	914
22 P	1	7	0.43	0.5	0.1	0.3	1.7	28.0	984	959
23 P	1	7	0.43	0.5	0.1	0.3	1.7	28.5	1017	992
24 P	1	7	0.43	0.5	0.1	0.3	1.7	29.0	1050	1024
25 P	1	7	0.43	0.5	0.1	0.3	1.7	29.5	1082	1056
26 P	1	7	0.43	0.5	0.1	0.3	1.7	30.0	1114	1087
27 P	1	7	0.43	0.5	0.1	0.3	1.7	30.5	1146	1119
28 P	1	7	0.43	0.5	0.1	0.3	1.8	31.0	1192	1164
29 P	1	7	0.43	0.5	0.1	0.3	1.8	31.5	1225	1197
30 P	1	7	0.43	0.5	0.1	0.3	1.8	32.0	1256	1228
31 P	1	7	0.43	0.5	0.1	0.3	1.8	32.5	1289	1260
32 P	1	7	0.43	0.5	0.1	0.3	1.8	33.0	1320	1291
33 P	1	7	0.43	0.5	0.1	0.3	1.8	33.5	1352	1322
34 P	1	7	0.43	0.5	0.1	0.3	1.9	34.0	1398	1368
35 P	1	7	0.43	0.5	0.1	0.3	1.9	34.5	1430	1399
36 P	1	7	0.43	0.5	0.1	0.3	1.9	35.0	1461	1430
37 P	1	7	0.43	0.5	0.1	0.3	1.9	35.0	1493	1461
38 P	1	7	0.43	0.5	0.1	0.3	1.9	35.5	1524	1492
39 P	1	7	0.43	0.5	0.1	0.3	1.9	36.0	1556	1523
40 P	1	7	0.43	0.5	0.1	0.3	1.9	36.5	1587	1555
41 P	1	7	0.43	0.5	0.1	0.3	1.9	36.5	1616	1584
42 P	1	7	0.43	0.5	0.1	0.3	1.9	37.0	1648	1615
43 P	1	7	0.43	0.5	0.1	0.3	1.9	37.5	1679	1646
44 P	1	7	0.43	0.5	0.1	0.3	2.0	38.0	1726	1692
45 P	1	7	0.43	0.5	0.1	0.3	2.0	38.5	1758	1723
46 P	1	7	0.43	0.5	0.1	0.3	2.0	38.5	1787	1753
47 P	1	7	0.43	0.5	0.1	0.3	2.0	39.0	1819	1784
48 P	1	7	0.43	0.5	0.1	0.3	2.0	39.5	1848	1813
50 P	1	7	0.43	0.5	0.1	0.3	2.0	40.0	1910	1874

1.0 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	1	7	0.43	0.5	0.1	0.2	1.1	9.5	130	125
2 T	1	7	0.43	0.5	0.1	0.2	1.2	14.5	235	227
3 T	1	7	0.43	0.5	0.1	0.2	1.2	15.5	281	273
4 T	1	7	0.43	0.5	0.1	0.3	1.3	17.5	389	375
5 T	1	7	0.43	0.5	0.1	0.3	1.3	19.0	450	434
6 T	1	7	0.43	0.5	0.1	0.3	1.4	20.5	520	502
7 T	1	7	0.43	0.5	0.1	0.3	1.4	20.5	555	538
8 T	1	7	0.43	0.5	0.1	0.3	1.4	23.0	630	610
9 T	1	7	0.43	0.5	0.1	0.3	1.5	25.0	708	686
10 T	1	7	0.43	0.5	0.1	0.3	1.5	23.5	717	697
11 T	1	7	0.43	0.5	0.1	0.3	1.5	24.5	770	749
12 T	1	7	0.43	0.5	0.1	0.3	1.5	24.5	805	784
13 T	1	7	0.43	0.5	0.1	0.3	1.6	28.5	917	892
14 T	1	7	0.43	0.5	0.1	0.3	1.6	28.5	953	928
15 T	1	7	0.43	0.5	0.1	0.3	1.6	30.0	1015	989
16 T	1	7	0.43	0.5	0.1	0.3	1.6	30.0	1051	1024
17 T	1	7	0.43	0.5	0.1	0.3	1.7	31.5	1130	1102
18 T	1	7	0.43	0.5	0.1	0.3	1.7	31.5	1165	1137
19 T	1	7	0.43	0.5	0.1	0.3	1.7	31.5	1200	1172
20 T	1	7	0.43	0.5	0.1	0.3	1.7	33.0	1266	1236
21 T	1	7	0.43	0.5	0.1	0.3	1.7	33.0	1301	1271
22 T	1	7	0.43	0.5	0.1	0.3	1.8	35.0	1386	1354
23 T	1	7	0.43	0.5	0.1	0.3	1.8	35.0	1421	1390
24 T	1	7	0.43	0.5	0.1	0.3	1.8	37.0	1489	1456
25 T	1	7	0.43	0.5	0.1	0.3	1.8	37.0	1525	1491
26 T	1	7	0.43	0.5	0.1	0.3	1.8	37.0	1560	1527
27 T	1	7	0.43	0.5	0.1	0.3	1.9	38.0	1626	1592
28 T	1	7	0.43	0.5	0.1	0.3	1.9	39.0	1689	1653
29 T	1	7	0.43	0.5	0.1	0.3	1.9	39.0	1724	1689
30 T	1	7	0.43	0.5	0.1	0.3	1.9	39.0	1760	1724
31 T	1	7	0.43	0.5	0.1	0.3	1.9	40.5	1824	1788
32 T	1	7	0.43	0.5	0.1	0.3	1.9	40.5	1860	1823
33 T	1	7	0.43	0.5	0.1	0.3	1.9	40.5	1895	1858
34 T	1	7	0.43	0.5	0.1	0.3	2.0	42.5	1979	1941
35 T	1	7	0.43	0.5	0.1	0.3	2.0	42.5	2015	1976
36 T	1	7	0.43	0.5	0.1	0.3	2.0	42.5	2050	2012
37 T	1	7	0.43	0.5	0.1	0.3	2.0	42.5	2086	2047
38 T	1	7	0.43	0.5	0.1	0.3	2.0	44.0	2155	2115
39 T	1	7	0.43	0.5	0.1	0.3	2.0	44.0	2190	2150
40 T	1	7	0.43	0.5	0.1	0.3	2.0	44.0	2226	2186
41 T	1	7	0.43	0.5	0.1	0.4	2.1	46.5	2446	2390
42 T	1	7	0.43	0.5	0.1	0.4	2.1	46.5	2482	2425
43 T	1	7	0.43	0.5	0.1	0.4	2.1	46.5	2517	2461
44 T	1	7	0.43	0.5	0.1	0.4	2.2	48.5	2614	2556
45 T	1	7	0.43	0.5	0.1	0.4	2.2	48.5	2650	2591
46 T	1	7	0.43	0.5	0.1	0.4	2.2	48.5	2685	2627
47 T	1	7	0.43	0.5	0.1	0.4	2.2	48.5	2721	2662
48 T	1	7	0.43	0.5	0.1	0.4	2.2	49.0	2775	2715
50 T	1	7	0.43	0.5	0.1	0.4	2.2	50.0	2870	2809

1.5 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	1.5	7	0.53	0.6	0.1	0.2	1.1	10.0	137	132
2 P	1.5	7	0.53	0.6	0.1	0.2	1.2	15.0	237	229
3 P	1.5	7	0.53	0.6	0.1	0.2	1.2	15.5	283	274
4 P	1.5	7	0.53	0.6	0.1	0.3	1.3	17.5	392	377
5 P	1.5	7	0.53	0.6	0.1	0.3	1.4	19.5	466	449
6 P	1.5	7	0.53	0.6	0.1	0.3	1.4	20.5	511	494
7 P	1.5	7	0.53	0.6	0.1	0.3	1.4	20.5	547	529
8 P	1.5	7	0.53	0.6	0.1	0.3	1.5	22.5	623	604
9 P	1.5	7	0.53	0.6	0.1	0.3	1.5	23.5	679	659
10 P	1.5	7	0.53	0.6	0.1	0.3	1.6	25.0	752	731
11 P	1.5	7	0.53	0.6	0.1	0.3	1.6	25.5	793	771
12 P	1.5	7	0.53	0.6	0.1	0.3	1.6	26.0	839	816
13 P	1.5	7	0.53	0.6	0.1	0.3	1.6	26.5	880	857
14 P	1.5	7	0.53	0.6	0.1	0.3	1.6	27.5	931	907
15 P	1.5	7	0.53	0.6	0.1	0.3	1.7	28.0	990	965
16 P	1.5	7	0.53	0.6	0.1	0.3	1.7	29.5	1047	1022
17 P	1.5	7	0.53	0.6	0.1	0.3	1.7	29.5	1088	1062
18 P	1.5	7	0.53	0.6	0.1	0.3	1.7	30.0	1129	1103
19 P	1.5	7	0.53	0.6	0.1	0.3	1.7	30.5	1175	1148
20 P	1.5	7	0.53	0.6	0.1	0.3	1.8	31.5	1241	1214
21 P	1.5	7	0.53	0.6	0.1	0.3	1.8	32.0	1288	1260
22 P	1.5	7	0.53	0.6	0.1	0.3	1.9	33.0	1350	1321
23 P	1.5	7	0.53	0.6	0.1	0.3	1.9	33.5	1397	1367
24 P	1.5	7	0.53	0.6	0.1	0.3	1.9	34.0	1443	1413
25 P	1.5	7	0.53	0.6	0.1	0.3	1.9	35.0	1490	1459
26 P	1.5	7	0.53	0.6	0.1	0.3	1.9	35.5	1537	1506
27 P	1.5	7	0.53	0.6	0.1	0.3	1.9	36.0	1582	1550

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
28 P	1.5	7	0.53	0.6	0.1	0.3	2.0	36.5	1646	1613
29 P	1.5	7	0.53	0.6	0.1	0.3	2.0	37.0	1691	1658
30 P	1.5	7	0.53	0.6	0.1	0.3	2.0	37.5	1736	1702
31 P	1.5	7	0.53	0.6	0.1	0.3	2.0	38.0	1781	1747
32 P	1.5	7	0.53	0.6	0.1	0.3	2.0	39.0	1828	1794
33 P	1.5	7	0.53	0.6	0.1	0.3	2.0	39.0	1871	1836
34 P	1.5	7	0.53	0.6	0.1	0.4	2.1	40.5	2047	1999
35 P	1.5	7	0.53	0.6	0.1	0.4	2.1	41.0	2094	2045
36 P	1.5	7	0.53	0.6	0.1	0.4	2.1	41.5	2141	2092
37 P	1.5	7	0.53	0.6	0.1	0.4	2.1	42.0	2188	2138
38 P	1.5	7	0.53	0.6	0.1	0.4	2.2	42.5	2252	2201
39 P	1.5	7	0.53	0.6	0.1	0.4	2.2	43.0	2299	2247
40 P	1.5	7	0.53	0.6	0.1	0.4	2.2	43.5	2346	2294
41 P	1.5	7	0.53	0.6	0.1	0.4	2.2	44.0	2391	2338
42 P	1.5	7	0.53	0.6	0.1	0.4	2.2	44.5	2435	2382
43 P	1.5	7	0.53	0.6	0.1	0.4	2.2	45.0	2482	2429
44 P	1.5	7	0.53	0.6	0.1	0.4	2.3	45.5	2548	2493
45 P	1.5	7	0.53	0.6	0.1	0.4	2.3	46.0	2595	2540
46 P	1.5	7	0.53	0.6	0.1	0.4	2.3	46.5	2640	2584
47 P	1.5	7	0.53	0.6	0.1	0.4	2.3	46.5	2685	2629
48 P	1.5	7	0.53	0.6	0.1	0.4	2.3	47.0	2730	2673
50 P	1.5	7	0.53	0.6	0.1	0.4	2.3	48.0	2819	2762

1.5 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	1.5	7	0.53	0.6	0.1	0.2	1.1	10.5	161	156
2 T	1.5	7	0.53	0.6	0.1	0.3	1.3	17.5	351	337
3 T	1.5	7	0.53	0.6	0.1	0.3	1.3	18.5	421	406
4 T	1.5	7	0.53	0.6	0.1	0.3	1.4	20.0	510	493
5 T	1.5	7	0.53	0.6	0.1	0.3	1.4	22.0	592	573
6 T	1.5	7	0.53	0.6	0.1	0.3	1.5	24.0	688	667
7 T	1.5	7	0.53	0.6	0.1	0.3	1.5	24.0	741	720
8 T	1.5	7	0.53	0.6	0.1	0.3	1.6	27.0	853	830
9 T	1.5	7	0.53	0.6	0.1	0.3	1.6	29.0	946	920
10 T	1.5	7	0.53	0.6	0.1	0.3	1.7	27.5	977	953
11 T	1.5	7	0.53	0.6	0.1	0.3	1.7	28.5	1054	1029
12 T	1.5	7	0.53	0.6	0.1	0.3	1.7	28.5	1107	1082

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
13 T	1.5	7	0.53	0.6	0.1	0.3	1.8	33.0	1254	1225
14 T	1.5	7	0.53	0.6	0.1	0.3	1.8	33.0	1307	1278
15 T	1.5	7	0.53	0.6	0.1	0.3	1.8	35.0	1394	1363
16 T	1.5	7	0.53	0.6	0.1	0.3	1.8	35.0	1447	1416
17 T	1.5	7	0.53	0.6	0.1	0.3	1.9	37.0	1553	1519
18 T	1.5	7	0.53	0.6	0.1	0.3	1.9	37.0	1605	1572
19 T	1.5	7	0.53	0.6	0.1	0.3	1.9	37.0	1658	1625
20 T	1.5	7	0.53	0.6	0.1	0.3	1.9	39.0	1750	1715
21 T	1.5	7	0.53	0.6	0.1	0.3	1.9	39.0	1803	1768
22 T	1.5	7	0.53	0.6	0.1	0.3	2.0	41.5	1915	1878
23 T	1.5	7	0.53	0.6	0.1	0.3	2.0	41.5	1968	1931
24 T	1.5	7	0.53	0.6	0.1	0.3	2.1	43.5	2081	2041
25 T	1.5	7	0.53	0.6	0.1	0.3	2.1	43.5	2133	2094
26 T	1.5	7	0.53	0.6	0.1	0.3	2.1	43.5	2186	2147
27 T	1.5	7	0.53	0.6	0.1	0.4	2.1	45.0	2386	2331
28 T	1.5	7	0.53	0.6	0.1	0.4	2.2	47.0	2497	2440
29 T	1.5	7	0.53	0.6	0.1	0.4	2.2	47.0	2550	2493
30 T	1.5	7	0.53	0.6	0.1	0.4	2.2	47.0	2603	2546
31 T	1.5	7	0.53	0.6	0.1	0.4	2.2	48.5	2696	2637
32 T	1.5	7	0.53	0.6	0.1	0.4	2.2	48.5	2749	2690
33 T	1.5	7	0.53	0.6	0.1	0.4	2.2	48.5	2801	2742
34 T	1.5	7	0.53	0.6	0.1	0.4	2.3	50.5	2922	2861
35 T	1.5	7	0.53	0.6	0.1	0.4	2.3	50.5	2975	2914
36 T	1.5	7	0.53	0.6	0.1	0.4	2.3	50.5	3028	2966
37 T	1.5	7	0.53	0.6	0.1	0.4	2.3	50.5	3081	3019
38 T	1.5	7	0.53	0.6	0.1	0.4	2.3	52.5	3182	3118
39 T	1.5	7	0.53	0.6	0.1	0.4	2.3	52.5	3235	3171
40 T	1.5	7	0.53	0.6	0.1	0.4	2.3	52.5	3288	3223
41 T	1.5	7	0.53	0.6	0.1	0.4	2.4	55.0	3416	3349
42 T	1.5	7	0.53	0.6	0.1	0.4	2.4	55.0	3469	3402
43 T	1.5	7	0.53	0.6	0.1	0.4	2.4	55.0	3522	3455
44 T	1.5	7	0.53	0.6	0.1	0.4	2.5	57.0	3650	3580
45 T	1.5	7	0.53	0.6	0.1	0.4	2.5	57.0	3703	3633
46 T	1.5	7	0.53	0.6	0.1	0.4	2.5	57.0	3756	3686
47 T	1.5	7	0.53	0.6	0.1	0.4	2.5	57.0	3809	3739
48 T	1.5	7	0.53	0.6	0.1	0.4	2.5	58.0	3886	3815
50 T	1.5	7	0.53	0.6	0.1	0.4	2.6	59.5	4049	3977

2.5 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	2.5	7	0.67	0.6	0.1	0.2	1.1	11.0	164	159
2 P	2.5	7	0.67	0.6	0.1	0.3	1.3	17.0	344	330
3 P	2.5	7	0.67	0.6	0.1	0.3	1.3	18.0	411	396
4 P	2.5	7	0.67	0.6	0.1	0.3	1.4	19.5	497	481
5 P	2.5	7	0.67	0.6	0.1	0.3	1.4	21.5	584	565
6 P	2.5	7	0.67	0.6	0.1	0.3	1.5	22.5	658	639
7 P	2.5	7	0.67	0.6	0.1	0.3	1.5	22.5	711	691
8 P	2.5	7	0.67	0.6	0.1	0.3	1.6	24.5	809	788
9 P	2.5	7	0.67	0.6	0.1	0.3	1.6	26.0	887	864
10 P	2.5	7	0.67	0.6	0.1	0.3	1.7	28.0	983	958
11 P	2.5	7	0.67	0.6	0.1	0.3	1.7	28.5	1040	1016
12 P	2.5	7	0.67	0.6	0.1	0.3	1.7	29.0	1106	1080
13 P	2.5	7	0.67	0.6	0.1	0.3	1.8	29.5	1179	1153
14 P	2.5	7	0.67	0.6	0.1	0.3	1.8	30.5	1250	1223
15 P	2.5	7	0.67	0.6	0.1	0.3	1.8	31.5	1316	1288
16 P	2.5	7	0.67	0.6	0.1	0.3	1.8	32.5	1393	1364
17 P	2.5	7	0.67	0.6	0.1	0.3	1.9	33.0	1468	1438
18 P	2.5	7	0.67	0.6	0.1	0.3	1.9	33.5	1526	1496
19 P	2.5	7	0.67	0.6	0.1	0.3	1.9	34.0	1592	1561
20 P	2.5	7	0.67	0.6	0.1	0.3	1.9	35.0	1663	1632
21 P	2.5	7	0.67	0.6	0.1	0.3	1.9	36.0	1729	1697
22 P	2.5	7	0.67	0.6	0.1	0.3	2.0	37.0	1812	1779
23 P	2.5	7	0.67	0.6	0.1	0.3	2.0	37.5	1878	1845
24 P	2.5	7	0.67	0.6	0.1	0.4	2.1	39.0	2070	2024
25 P	2.5	7	0.67	0.6	0.1	0.4	2.1	39.5	2136	2089
26 P	2.5	7	0.67	0.6	0.1	0.4	2.1	40.0	2203	2155
27 P	2.5	7	0.67	0.6	0.1	0.4	2.1	41.0	2271	2222
28 P	2.5	7	0.67	0.6	0.1	0.4	2.2	41.5	2356	2307
29 P	2.5	7	0.67	0.6	0.1	0.4	2.2	42.0	2423	2372
30 P	2.5	7	0.67	0.6	0.1	0.4	2.2	43.0	2489	2438
31 P	2.5	7	0.67	0.6	0.1	0.4	2.2	43.5	2556	2504
32 P	2.5	7	0.67	0.6	0.1	0.4	2.2	44.0	2622	2570
33 P	2.5	7	0.67	0.6	0.1	0.4	2.2	44.5	2686	2633
34 P	2.5	7	0.67	0.6	0.1	0.4	2.3	45.5	2774	2719
35 P	2.5	7	0.67	0.6	0.1	0.4	2.3	46.0	2838	2783
36 P	2.5	7	0.67	0.6	0.1	0.4	2.3	46.5	2905	2849
37 P	2.5	7	0.67	0.6	0.1	0.4	2.3	47.0	2969	2913
38 P	2.5	7	0.67	0.6	0.1	0.4	2.4	47.5	3055	2998
39 P	2.5	7	0.67	0.6	0.1	0.4	2.4	48.0	3122	3064
40 P	2.5	7	0.67	0.6	0.1	0.4	2.4	48.5	3187	3128
41 P	2.5	7	0.67	0.6	0.1	0.4	2.4	49.0	3251	3192

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
42 P	2.5	7	0.67	0.6	0.1	0.4	2.4	49.5	3316	3256
43 P	2.5	7	0.67	0.6	0.1	0.4	2.4	50.0	3381	3320
44 P	2.5	7	0.67	0.6	0.1	0.4	2.5	51.0	3466	3405
45 P	2.5	7	0.67	0.6	0.1	0.4	2.5	51.5	3533	3471
46 P	2.5	7	0.67	0.6	0.1	0.4	2.5	52.0	3596	3533
47 P	2.5	7	0.67	0.6	0.1	0.4	2.5	52.5	3660	3597
48 P	2.5	7	0.67	0.6	0.1	0.4	2.5	52.5	3723	3659
50 P	2.5	7	0.67	0.6	0.1	0.4	2.6	54.0	3877	3812

2.5 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	2.5	7	0.67	0.6	0.1	0.2	1.1	11.5	197	191
2 T	2.5	7	0.67	0.6	0.1	0.3	1.3	19.0	431	415
3 T	2.5	7	0.67	0.6	0.1	0.3	1.4	20.5	537	520
4 T	2.5	7	0.67	0.6	0.1	0.3	1.4	22.0	646	627
5 T	2.5	7	0.67	0.6	0.1	0.3	1.5	24.5	768	747
6 T	2.5	7	0.67	0.6	0.1	0.3	1.6	26.5	896	873
7 T	2.5	7	0.67	0.6	0.1	0.3	1.6	26.5	974	951
8 T	2.5	7	0.67	0.6	0.1	0.3	1.7	30.0	1124	1098
9 T	2.5	7	0.67	0.6	0.1	0.3	1.8	32.5	1262	1233
10 T	2.5	7	0.67	0.6	0.1	0.3	1.8	30.5	1301	1274
11 T	2.5	7	0.67	0.6	0.1	0.3	1.8	32.0	1406	1377
12 T	2.5	7	0.67	0.6	0.1	0.3	1.8	32.0	1484	1456
13 T	2.5	7	0.67	0.6	0.1	0.3	1.9	37.0	1674	1641
14 T	2.5	7	0.67	0.6	0.1	0.3	1.9	37.0	1753	1719
15 T	2.5	7	0.67	0.6	0.1	0.3	2.0	39.5	1888	1853
16 T	2.5	7	0.67	0.6	0.1	0.3	2.0	39.5	1966	1931
17 T	2.5	7	0.67	0.6	0.1	0.3	2.0	41.5	2087	2049
18 T	2.5	7	0.67	0.6	0.1	0.3	2.0	41.5	2165	2128
19 T	2.5	7	0.67	0.6	0.1	0.3	2.0	41.5	2243	2206
20 T	2.5	7	0.67	0.6	0.1	0.4	2.1	44.5	2512	2458
21 T	2.5	7	0.67	0.6	0.1	0.4	2.1	44.5	2590	2536
22 T	2.5	7	0.67	0.6	0.1	0.4	2.2	47.0	2746	2689
23 T	2.5	7	0.67	0.6	0.1	0.4	2.2	47.0	2824	2767
24 T	2.5	7	0.67	0.6	0.1	0.4	2.3	49.5	2980	2920
25 T	2.5	7	0.67	0.6	0.1	0.4	2.3	49.5	3058	2998
26 T	2.5	7	0.67	0.6	0.1	0.4	2.3	49.5	3137	3077

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
27 T	2.5	7	0.67	0.6	0.1	0.4	2.3	50.5	3239	3178
28 T	2.5	7	0.67	0.6	0.1	0.4	2.4	52.5	3385	3321
29 T	2.5	7	0.67	0.6	0.1	0.4	2.4	52.5	3463	3400
30 T	2.5	7	0.67	0.6	0.1	0.4	2.4	52.5	3542	3478
31 T	2.5	7	0.67	0.6	0.1	0.4	2.4	54.5	3670	3603
32 T	2.5	7	0.67	0.6	0.1	0.4	2.4	54.5	3748	3682
33 T	2.5	7	0.67	0.6	0.1	0.4	2.4	54.5	3826	3760
34 T	2.5	7	0.67	0.6	0.1	0.4	2.5	57.0	3983	3913
35 T	2.5	7	0.67	0.6	0.1	0.4	2.5	57.0	4061	3992
36 T	2.5	7	0.67	0.6	0.1	0.4	2.5	57.0	4139	4070
37 T	2.5	7	0.67	0.6	0.1	0.4	2.5	57.0	4218	4148
38 T	2.5	7	0.67	0.6	0.1	0.4	2.6	59.5	4381	4309
39 T	2.5	7	0.67	0.6	0.1	0.4	2.6	59.5	4459	4387
40 T	2.5	7	0.67	0.6	0.1	0.4	2.6	59.5	4538	4465
41 T	2.5	7	0.67	0.6	0.1	0.4	2.7	62.0	4706	4630
42 T	2.5	7	0.67	0.6	0.1	0.4	2.7	62.0	4784	4709
43 T	2.5	7	0.67	0.6	0.1	0.4	2.7	62.0	4862	4787
44 T	2.5	7	0.67	0.6	0.1	0.4	2.7	64.0	5001	4922
45 T	2.5	7	0.67	0.6	0.1	0.4	2.7	64.0	5079	5000
46 T	2.5	7	0.67	0.6	0.1	0.4	2.7	64.0	5158	5079
47 T	2.5	7	0.67	0.6	0.1	0.4	2.7	64.0	5236	5157
48 T	2.5	7	0.67	0.6	0.1	0.4	2.8	65.5	5373	5293
50 T	2.5	7	0.67	0.6	0.1	0.4	2.8	67.0	5567	5485



INSTRUMENTAT CONTROL CABLES OVERALL SHEILDED & LAPPED INNER SHEATH

RATED OPERATING VOLTAGE : 150/250 V (300 V)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 376

CABLE OVERALL SCREENED

CONDUCTOR MATERIAL : Stranded, annealed, tinned or untinned copper class 2 as per IEC 60228

INSULATION MATERIAL : XLPE Insulation

LAY UP : Cores laid up

INNER COVER MATERIAL : Lapped polymeric tape

ARMOUR / BRAIDING MATERIAL : Annealed Tinned Copper Wire, Option GI wire, SS wire or Bronze wire

OUTER SHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional- other polymeric compounds

0.5 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
2 C	0.5	7	0.30	0.4	0.1	0.2	1.0	8.0	82	79
3 C	0.5	7	0.30	0.4	0.1	0.2	1.0	8.0	92	89
4 C	0.5	7	0.30	0.4	0.1	0.2	1.0	8.5	105	101
5 C	0.5	7	0.30	0.4	0.1	0.2	1.0	9.0	117	113
6 C	0.5	7	0.30	0.4	0.1	0.2	1.1	10.0	135	130
7 C	0.5	7	0.30	0.4	0.1	0.2	1.1	10.0	141	137
8 C	0.5	7	0.30	0.4	0.1	0.2	1.1	11.0	159	154
9 C	0.5	7	0.30	0.4	0.1	0.2	1.1	11.5	173	167
10 C	0.5	7	0.30	0.4	0.1	0.2	1.1	11.0	173	167
11 C	0.5	7	0.30	0.4	0.1	0.2	1.1	11.0	179	173
12 C	0.5	7	0.30	0.4	0.1	0.2	1.1	11.0	189	183
13 C	0.5	7	0.30	0.4	0.1	0.2	1.2	13.0	219	212
14 C	0.5	7	0.30	0.4	0.1	0.2	1.2	13.0	225	218
15 C	0.5	7	0.30	0.4	0.1	0.2	1.2	13.5	238	231
16 C	0.5	7	0.30	0.4	0.1	0.2	1.2	13.5	244	237
17 C	0.5	7	0.30	0.4	0.1	0.2	1.2	14.0	258	251
18 C	0.5	7	0.30	0.4	0.1	0.2	1.2	14.0	265	257
19 C	0.5	7	0.30	0.4	0.1	0.2	1.2	14.0	271	263
20 C	0.5	7	0.30	0.4	0.1	0.2	1.2	14.5	285	277
21 C	0.5	7	0.30	0.4	0.1	0.2	1.2	14.5	291	283
22 C	0.5	7	0.30	0.4	0.1	0.2	1.2	15.0	307	298

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
23 C	0.5	7	0.30	0.4	0.1	0.2	1.2	15.0	313	305
24 C	0.5	7	0.30	0.4	0.1	0.3	1.3	16.5	379	366
25 C	0.5	7	0.30	0.4	0.1	0.3	1.3	16.5	385	372
26 C	0.5	7	0.30	0.4	0.1	0.3	1.3	16.5	391	378
27 C	0.5	7	0.30	0.4	0.1	0.3	1.3	17.0	403	389
28 C	0.5	7	0.30	0.4	0.1	0.3	1.3	17.5	417	403
29 C	0.5	7	0.30	0.4	0.1	0.3	1.3	17.5	423	409
30 C	0.5	7	0.30	0.4	0.1	0.3	1.3	17.5	429	415
31 C	0.5	7	0.30	0.4	0.1	0.3	1.3	18.0	444	429
32 C	0.5	7	0.30	0.4	0.1	0.3	1.3	18.0	450	435
33 C	0.5	7	0.30	0.4	0.1	0.3	1.3	18.0	456	441
34 C	0.5	7	0.30	0.4	0.1	0.3	1.3	18.5	473	457
35 C	0.5	7	0.30	0.4	0.1	0.3	1.3	18.5	479	463
36 C	0.5	7	0.30	0.4	0.1	0.3	1.3	18.5	485	470
37 C	0.5	7	0.30	0.4	0.1	0.3	1.3	18.5	491	476
38 C	0.5	7	0.30	0.4	0.1	0.3	1.4	19.0	516	500
39 C	0.5	7	0.30	0.4	0.1	0.3	1.4	19.0	522	506
40 C	0.5	7	0.30	0.4	0.1	0.3	1.4	19.0	528	512
41 C	0.5	7	0.30	0.4	0.1	0.3	1.4	20.0	546	530
42 C	0.5	7	0.30	0.4	0.1	0.3	1.4	20.0	553	536
43 C	0.5	7	0.30	0.4	0.1	0.3	1.4	20.0	559	542
44 C	0.5	7	0.30	0.4	0.1	0.3	1.4	20.5	575	558
45 C	0.5	7	0.30	0.4	0.1	0.3	1.4	20.5	582	564
46 C	0.5	7	0.30	0.4	0.1	0.3	1.4	20.5	588	570
47 C	0.5	7	0.30	0.4	0.1	0.3	1.4	20.5	594	576
48 C	0.5	7	0.30	0.4	0.1	0.3	1.4	21.0	605	587
52 C	0.5	7	0.30	0.4	0.1	0.3	1.4	21.5	639	620
61 C	0.5	7	0.30	0.4	0.1	0.3	1.5	22.5	723	704

0.75 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
2 C	0.75	7	0.37	0.5	0.1	0.2	1.0	8.5	99	94
3 C	0.75	7	0.37	0.5	0.1	0.2	1.0	9.0	113	108
4 C	0.75	7	0.37	0.5	0.1	0.2	1.1	10.0	134	129
5 C	0.75	7	0.37	0.5	0.1	0.2	1.1	10.5	151	146
6 C	0.75	7	0.37	0.5	0.1	0.2	1.1	11.0	169	164
7 C	0.75	7	0.37	0.5	0.1	0.2	1.1	11.0	178	173
8 C	0.75	7	0.37	0.5	0.1	0.2	1.1	12.0	201	194

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
9 C	0.75	7	0.37	0.5	0.1	0.2	1.2	13.0	226	219
10 C	0.75	7	0.37	0.5	0.1	0.2	1.2	12.5	227	221
11 C	0.75	7	0.37	0.5	0.1	0.2	1.2	12.5	237	230
12 C	0.75	7	0.37	0.5	0.1	0.2	1.2	13.0	251	245
13 C	0.75	7	0.37	0.5	0.1	0.2	1.2	14.5	282	274
14 C	0.75	7	0.37	0.5	0.1	0.2	1.2	14.5	291	283
15 C	0.75	7	0.37	0.5	0.1	0.2	1.2	15.0	310	301
16 C	0.75	7	0.37	0.5	0.1	0.2	1.2	15.0	319	311
17 C	0.75	7	0.37	0.5	0.1	0.3	1.3	16.5	390	376
18 C	0.75	7	0.37	0.5	0.1	0.3	1.3	16.5	399	386
19 C	0.75	7	0.37	0.5	0.1	0.3	1.3	16.5	408	395
20 C	0.75	7	0.37	0.5	0.1	0.3	1.3	17.5	431	417
21 C	0.75	7	0.37	0.5	0.1	0.3	1.3	17.5	440	426
22 C	0.75	7	0.37	0.5	0.1	0.3	1.3	18.0	461	446
23 C	0.75	7	0.37	0.5	0.1	0.3	1.3	18.0	471	455
24 C	0.75	7	0.37	0.5	0.1	0.3	1.4	19.0	502	486
25 C	0.75	7	0.37	0.5	0.1	0.3	1.4	19.0	511	495
26 C	0.75	7	0.37	0.5	0.1	0.3	1.4	19.0	520	504
27 C	0.75	7	0.37	0.5	0.1	0.3	1.4	19.5	535	519
28 C	0.75	7	0.37	0.5	0.1	0.3	1.4	20.0	554	537
29 C	0.75	7	0.37	0.5	0.1	0.3	1.4	20.0	564	547
30 C	0.75	7	0.37	0.5	0.1	0.3	1.4	20.0	573	556
31 C	0.75	7	0.37	0.5	0.1	0.3	1.4	20.5	594	577
32 C	0.75	7	0.37	0.5	0.1	0.3	1.4	20.5	603	586
33 C	0.75	7	0.37	0.5	0.1	0.3	1.4	20.5	613	595
34 C	0.75	7	0.37	0.5	0.1	0.3	1.4	21.5	634	616
35 C	0.75	7	0.37	0.5	0.1	0.3	1.4	21.5	643	625
36 C	0.75	7	0.37	0.5	0.1	0.3	1.4	21.5	653	634
37 C	0.75	7	0.37	0.5	0.1	0.3	1.4	21.5	662	644
38 C	0.75	7	0.37	0.5	0.1	0.3	1.5	22.5	695	676
39 C	0.75	7	0.37	0.5	0.1	0.3	1.5	22.5	704	685
40 C	0.75	7	0.37	0.5	0.1	0.3	1.5	22.5	714	695
41 C	0.75	7	0.37	0.5	0.1	0.3	1.5	23.0	735	715
42 C	0.75	7	0.37	0.5	0.1	0.3	1.5	23.0	744	725
43 C	0.75	7	0.37	0.5	0.1	0.3	1.5	23.0	754	734
44 C	0.75	7	0.37	0.5	0.1	0.3	1.5	24.0	777	756
45 C	0.75	7	0.37	0.5	0.1	0.3	1.5	24.0	786	766
46 C	0.75	7	0.37	0.5	0.1	0.3	1.5	24.0	796	775
47 C	0.75	7	0.37	0.5	0.1	0.3	1.5	24.0	805	784
48 C	0.75	7	0.37	0.5	0.1	0.3	1.5	24.0	819	798
52 C	0.75	7	0.37	0.5	0.1	0.3	1.5	25.0	867	845
61 C	0.75	7	0.37	0.5	0.1	0.3	1.6	26.5	987	964

1.0 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
2 C	1	7	0.43	0.5	0.1	0.2	1.0	9.0	109	104
3 C	1	7	0.43	0.5	0.1	0.2	1.1	9.5	130	125
4 C	1	7	0.43	0.5	0.1	0.2	1.1	10.5	150	145
5 C	1	7	0.43	0.5	0.1	0.2	1.1	11.0	171	166
6 C	1	7	0.43	0.5	0.1	0.2	1.1	11.5	192	186
7 C	1	7	0.43	0.5	0.1	0.2	1.1	11.5	204	198
8 C	1	7	0.43	0.5	0.1	0.2	1.2	13.0	236	229
9 C	1	7	0.43	0.5	0.1	0.2	1.2	14.0	260	252
10 C	1	7	0.43	0.5	0.1	0.2	1.2	13.0	262	255
11 C	1	7	0.43	0.5	0.1	0.2	1.2	13.0	274	267
12 C	1	7	0.43	0.5	0.1	0.2	1.2	13.5	292	285
13 C	1	7	0.43	0.5	0.1	0.3	1.3	16.0	378	365
14 C	1	7	0.43	0.5	0.1	0.3	1.3	16.0	390	376
15 C	1	7	0.43	0.5	0.1	0.3	1.3	17.0	415	401
16 C	1	7	0.43	0.5	0.1	0.3	1.3	17.0	427	413
17 C	1	7	0.43	0.5	0.1	0.3	1.3	17.5	450	435
18 C	1	7	0.43	0.5	0.1	0.3	1.3	17.5	462	447
19 C	1	7	0.43	0.5	0.1	0.3	1.3	17.5	474	459
20 C	1	7	0.43	0.5	0.1	0.3	1.3	18.5	499	484
21 C	1	7	0.43	0.5	0.1	0.3	1.3	18.5	511	495
22 C	1	7	0.43	0.5	0.1	0.3	1.4	19.5	546	530
23 C	1	7	0.43	0.5	0.1	0.3	1.4	19.5	558	542
24 C	1	7	0.43	0.5	0.1	0.3	1.4	20.5	584	567
25 C	1	7	0.43	0.5	0.1	0.3	1.4	20.5	596	578
26 C	1	7	0.43	0.5	0.1	0.3	1.4	20.5	607	590
27 C	1	7	0.43	0.5	0.1	0.3	1.4	20.5	626	609
28 C	1	7	0.43	0.5	0.1	0.3	1.4	21.5	648	630
29 C	1	7	0.43	0.5	0.1	0.3	1.4	21.5	660	642
30 C	1	7	0.43	0.5	0.1	0.3	1.4	21.5	672	654
31 C	1	7	0.43	0.5	0.1	0.3	1.5	22.5	708	689
32 C	1	7	0.43	0.5	0.1	0.3	1.5	22.5	719	700
33 C	1	7	0.43	0.5	0.1	0.3	1.5	22.5	731	712
34 C	1	7	0.43	0.5	0.1	0.3	1.5	23.0	755	736
35 C	1	7	0.43	0.5	0.1	0.3	1.5	23.0	767	747
36 C	1	7	0.43	0.5	0.1	0.3	1.5	23.0	779	759
37 C	1	7	0.43	0.5	0.1	0.3	1.5	23.0	791	771
38 C	1	7	0.43	0.5	0.1	0.3	1.5	24.0	817	796
39 C	1	7	0.43	0.5	0.1	0.3	1.5	24.0	828	808
40 C	1	7	0.43	0.5	0.1	0.3	1.5	24.0	840	820
41 C	1	7	0.43	0.5	0.1	0.3	1.5	24.5	868	847
42 C	1	7	0.43	0.5	0.1	0.3	1.5	24.5	880	858
43 C	1	7	0.43	0.5	0.1	0.3	1.5	24.5	892	870
44 C	1	7	0.43	0.5	0.1	0.3	1.6	25.5	929	907
45 C	1	7	0.43	0.5	0.1	0.3	1.6	25.5	941	919
46 C	1	7	0.43	0.5	0.1	0.3	1.6	25.5	953	931
47 C	1	7	0.43	0.5	0.1	0.3	1.6	25.5	965	942
48 C	1	7	0.43	0.5	0.1	0.3	1.6	26.0	984	961
52 C	1	7	0.43	0.5	0.1	0.3	1.6	26.5	1042	1019
61 C	1	7	0.43	0.5	0.1	0.3	1.6	28.0	1175	1151

1.5 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
2 C	1.5	7	0.53	0.6	0.1	0.2	1.1	10.0	137	132
3 C	1.5	7	0.53	0.6	0.1	0.2	1.1	10.5	161	156
4 C	1.5	7	0.53	0.6	0.1	0.2	1.1	11.5	189	183
5 C	1.5	7	0.53	0.6	0.1	0.2	1.2	12.5	223	216
6 C	1.5	7	0.53	0.6	0.1	0.2	1.2	13.5	252	245
7 C	1.5	7	0.53	0.6	0.1	0.2	1.2	13.5	270	263
8 C	1.5	7	0.53	0.6	0.1	0.2	1.2	15.0	306	298
9 C	1.5	7	0.53	0.6	0.1	0.3	1.3	16.5	389	376
10 C	1.5	7	0.53	0.6	0.1	0.3	1.3	15.5	392	379
11 C	1.5	7	0.53	0.6	0.1	0.3	1.3	15.5	409	397
12 C	1.5	7	0.53	0.6	0.1	0.3	1.3	16.0	437	424
13 C	1.5	7	0.53	0.6	0.1	0.3	1.4	18.5	498	483
14 C	1.5	7	0.53	0.6	0.1	0.3	1.4	18.5	516	500
15 C	1.5	7	0.53	0.6	0.1	0.3	1.4	19.5	549	532
16 C	1.5	7	0.53	0.6	0.1	0.3	1.4	19.5	566	550
17 C	1.5	7	0.53	0.6	0.1	0.3	1.4	20.5	599	582
18 C	1.5	7	0.53	0.6	0.1	0.3	1.4	20.5	617	600
19 C	1.5	7	0.53	0.6	0.1	0.3	1.4	20.5	635	617
20 C	1.5	7	0.53	0.6	0.1	0.3	1.4	21.5	669	651
21 C	1.5	7	0.53	0.6	0.1	0.3	1.4	21.5	687	669
22 C	1.5	7	0.53	0.6	0.1	0.3	1.5	22.5	732	713
23 C	1.5	7	0.53	0.6	0.1	0.3	1.5	22.5	750	730
24 C	1.5	7	0.53	0.6	0.1	0.3	1.5	23.5	785	764
25 C	1.5	7	0.53	0.6	0.1	0.3	1.5	23.5	802	782

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
26 C	1.5	7	0.53	0.6	0.1	0.3	1.5	23.5	820	800
27 C	1.5	7	0.53	0.6	0.1	0.3	1.5	24.0	846	825
28 C	1.5	7	0.53	0.6	0.1	0.3	1.6	25.0	888	866
29 C	1.5	7	0.53	0.6	0.1	0.3	1.6	25.0	905	884
30 C	1.5	7	0.53	0.6	0.1	0.3	1.6	25.0	923	901
31 C	1.5	7	0.53	0.6	0.1	0.3	1.6	26.0	957	934
32 C	1.5	7	0.53	0.6	0.1	0.3	1.6	26.0	974	952
33 C	1.5	7	0.53	0.6	0.1	0.3	1.6	26.0	992	969
34 C	1.5	7	0.53	0.6	0.1	0.3	1.6	26.5	1026	1002
35 C	1.5	7	0.53	0.6	0.1	0.3	1.6	26.5	1043	1020
36 C	1.5	7	0.53	0.6	0.1	0.3	1.6	26.5	1061	1038
37 C	1.5	7	0.53	0.6	0.1	0.3	1.6	26.5	1078	1055
38 C	1.5	7	0.53	0.6	0.1	0.3	1.7	28.0	1127	1103
39 C	1.5	7	0.53	0.6	0.1	0.3	1.7	28.0	1145	1120
40 C	1.5	7	0.53	0.6	0.1	0.3	1.7	28.0	1162	1138
41 C	1.5	7	0.53	0.6	0.1	0.3	1.7	29.0	1198	1173
42 C	1.5	7	0.53	0.6	0.1	0.3	1.7	29.0	1216	1191
43 C	1.5	7	0.53	0.6	0.1	0.3	1.7	29.0	1233	1208
44 C	1.5	7	0.53	0.6	0.1	0.3	1.7	30.0	1270	1243
45 C	1.5	7	0.53	0.6	0.1	0.3	1.7	30.0	1287	1261
46 C	1.5	7	0.53	0.6	0.1	0.3	1.7	30.0	1305	1278
47 C	1.5	7	0.53	0.6	0.1	0.3	1.7	30.0	1322	1296
48 C	1.5	7	0.53	0.6	0.1	0.3	1.7	30.5	1349	1322
52 C	1.5	7	0.53	0.6	0.1	0.3	1.8	31.5	1447	1419
61 C	1.5	7	0.53	0.6	0.1	0.3	1.8	33.0	1639	1610

2.5 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT WITH LAPPED INNER SHEATH

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
2 C	2.5	7	0.67	0.6	0.1	0.2	1.1	11.0	164	159
3 C	2.5	7	0.67	0.6	0.1	0.2	1.1	11.5	197	191
4 C	2.5	7	0.67	0.6	0.1	0.2	1.2	12.5	240	234
5 C	2.5	7	0.67	0.6	0.1	0.2	1.2	13.5	280	273
6 C	2.5	7	0.67	0.6	0.1	0.2	1.2	14.5	320	312
7 C	2.5	7	0.67	0.6	0.1	0.2	1.2	14.5	346	338
8 C	2.5	7	0.67	0.6	0.1	0.3	1.3	17.0	445	431

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Taped Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
9 C	2.5	7	0.67	0.6	0.1	0.3	1.3	18.0	491	476
10 C	2.5	7	0.67	0.6	0.1	0.3	1.4	17.0	508	494
11 C	2.5	7	0.67	0.6	0.1	0.3	1.4	17.0	534	520
12 C	2.5	7	0.67	0.6	0.1	0.3	1.4	18.0	572	558
13 C	2.5	7	0.67	0.6	0.1	0.3	1.4	20.5	640	623
14 C	2.5	7	0.67	0.6	0.1	0.3	1.4	20.5	666	649
15 C	2.5	7	0.67	0.6	0.1	0.3	1.5	21.5	719	701
16 C	2.5	7	0.67	0.6	0.1	0.3	1.5	21.5	745	727
17 C	2.5	7	0.67	0.6	0.1	0.3	1.5	22.5	789	770
18 C	2.5	7	0.67	0.6	0.1	0.3	1.5	22.5	815	796
19 C	2.5	7	0.67	0.6	0.1	0.3	1.5	22.5	841	822
20 C	2.5	7	0.67	0.6	0.1	0.3	1.5	23.5	887	866
21 C	2.5	7	0.67	0.6	0.1	0.3	1.5	23.5	913	893
22 C	2.5	7	0.67	0.6	0.1	0.3	1.6	25.0	972	950
23 C	2.5	7	0.67	0.6	0.1	0.3	1.6	25.0	998	976
24 C	2.5	7	0.67	0.6	0.1	0.3	1.6	26.0	1044	1021
25 C	2.5	7	0.67	0.6	0.1	0.3	1.6	26.0	1070	1047
26 C	2.5	7	0.67	0.6	0.1	0.3	1.6	26.0	1096	1073
27 C	2.5	7	0.67	0.6	0.1	0.3	1.6	26.5	1131	1108
28 C	2.5	7	0.67	0.6	0.1	0.3	1.7	27.5	1186	1162
29 C	2.5	7	0.67	0.6	0.1	0.3	1.7	27.5	1212	1188
30 C	2.5	7	0.67	0.6	0.1	0.3	1.7	27.5	1238	1214
31 C	2.5	7	0.67	0.6	0.1	0.3	1.7	28.5	1283	1258
32 C	2.5	7	0.67	0.6	0.1	0.3	1.7	28.5	1309	1284
33 C	2.5	7	0.67	0.6	0.1	0.3	1.7	28.5	1335	1310
34 C	2.5	7	0.67	0.6	0.1	0.3	1.7	29.5	1380	1354
35 C	2.5	7	0.67	0.6	0.1	0.3	1.7	29.5	1406	1380
36 C	2.5	7	0.67	0.6	0.1	0.3	1.7	29.5	1432	1406
37 C	2.5	7	0.67	0.6	0.1	0.3	1.7	29.5	1458	1432
38 C	2.5	7	0.67	0.6	0.1	0.3	1.8	31.0	1519	1492
39 C	2.5	7	0.67	0.6	0.1	0.3	1.8	31.0	1545	1518
40 C	2.5	7	0.67	0.6	0.1	0.3	1.8	31.0	1571	1544
41 C	2.5	7	0.67	0.6	0.1	0.3	1.8	32.0	1620	1592
42 C	2.5	7	0.67	0.6	0.1	0.3	1.8	32.0	1646	1618
43 C	2.5	7	0.67	0.6	0.1	0.3	1.8	32.0	1672	1644
44 C	2.5	7	0.67	0.6	0.1	0.3	1.9	33.5	1735	1705
45 C	2.5	7	0.67	0.6	0.1	0.3	1.9	33.5	1761	1731
46 C	2.5	7	0.67	0.6	0.1	0.3	1.9	33.5	1787	1757
47 C	2.5	7	0.67	0.6	0.1	0.3	1.9	33.5	1813	1783
48 C	2.5	7	0.67	0.6	0.1	0.3	1.9	34.0	1849	1819
52 C	2.5	7	0.67	0.6	0.1	0.3	1.9	35.0	1971	1940
61 C	2.5	7	0.67	0.6	0.1	0.3	2.0	37.0	2262	2229

FIRE RESISTANT INSTRUMENTATION CABLES INDIVIDUAL SHEILDED

RATED OPERATING VOLTAGE : 150/250 V (300 V)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 376

INDIVIDUAL PAIR OR TRIAD SCREENED

1. CONDUCTOR MATERIAL : Stranded, annealed, tinned or untinned copper class 2 as per IEC 60228

2. HEAT BARRIER : Glass mica tape

3. INSULATION MATERIAL : Extruded XLPE Insulation

4. SHEILDING OF INDIVIDUAL UNIT : Cores twisted to form a pair or triad and shielded with lappe Mylar backed Aluminium tape

Each unit provided with a stranded, tinned copper drain wire

5. INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional- other polymeric compounds

6. ARMOUR/ BRAIDING MATERIAL : Annealed Tinned Copper Wire, Option GI wire, SS wire or Bronze wire

7. OUTER SHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional- othe polymeric compounds

0.5 SQ MM XLPE INSULATED, INDIVIDUAL ALMYLER & OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT



Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	0.5	7	0.30	0.4	1.0	0.2	1.0	11.5	166	160
2 P	0.5	7	0.30	0.4	1.0	0.2	1.2	15.5	268	259
3 P	0.5	7	0.30	0.4	1.0	0.2	1.2	16.5	307	298
4 P	0.5	7	0.30	0.4	1.0	0.2	1.2	17.5	354	344
5 P	0.5	7	0.30	0.4	1.0	0.3	1.3	20.0	471	455
6 P	0.5	7	0.30	0.4	1.0	0.3	1.3	20.5	511	493
7 P	0.5	7	0.30	0.4	1.0	0.3	1.3	20.5	538	520
8 P	0.5	7	0.30	0.4	1.0	0.3	1.4	22.5	609	590
9 P	0.5	7	0.30	0.4	1.0	0.3	1.4	23.5	659	639
10 P	0.5	7	0.30	0.4	1.0	0.3	1.5	25.0	724	703
11 P	0.5	7	0.30	0.4	1.0	0.3	1.5	25.5	758	736
12 P	0.5	7	0.30	0.4	1.0	0.3	1.5	26.0	798	775
13 P	0.5	7	0.30	0.4	1.0	0.3	1.5	26.0	829	806
14 P	0.5	7	0.30	0.4	1.0	0.3	1.5	27.0	875	851
15 P	0.5	7	0.30	0.4	1.0	0.3	1.6	27.5	925	901
16 P	0.5	7	0.30	0.4	1.0	0.3	1.6	29.0	976	951
17 P	0.5	7	0.30	0.4	1.0	0.3	1.6	29.0	1010	984
18 P	0.5	7	0.30	0.4	1.0	0.3	1.6	29.5	1043	1017
19 P	0.5	7	0.30	0.4	1.0	0.3	1.6	30.0	1081	1055
20 P	0.5	7	0.30	0.4	1.0	0.3	1.7	31.0	1142	1114
21 P	0.5	7	0.30	0.4	1.0	0.3	1.7	31.5	1180	1152
22 P	0.5	7	0.30	0.4	1.0	0.3	1.7	32.0	1220	1192
23 P	0.5	7	0.30	0.4	1.0	0.3	1.7	32.5	1259	1230
24 P	0.5	7	0.30	0.4	1.0	0.3	1.7	33.0	1299	1269
25 P	0.5	7	0.30	0.4	1.0	0.3	1.7	33.5	1337	1307
26 P	0.5	7	0.30	0.4	1.0	0.3	1.7	34.0	1375	1344
27 P	0.5	7	0.30	0.4	1.0	0.3	1.8	35.0	1429	1398
28 P	0.5	7	0.30	0.4	1.0	0.3	1.8	35.5	1468	1436
29 P	0.5	7	0.30	0.4	1.0	0.3	1.8	36.0	1506	1474
30 P	0.5	7	0.30	0.4	1.0	0.3	1.8	36.5	1544	1512
31 P	0.5	7	0.30	0.4	1.0	0.3	1.8	37.0	1582	1549
32 P	0.5	7	0.30	0.4	1.0	0.3	1.8	37.5	1621	1587
33 P	0.5	7	0.30	0.4	1.0	0.3	1.8	38.0	1657	1623
34 P	0.5	7	0.30	0.4	1.0	0.3	1.9	38.5	1713	1678
35 P	0.5	7	0.30	0.4	1.0	0.3	1.9	39.0	1749	1714
36 P	0.5	7	0.30	0.4	1.0	0.3	1.9	39.5	1788	1752
37 P	0.5	7	0.30	0.4	1.0	0.3	1.9	40.0	1824	1788
38 P	0.5	7	0.30	0.4	1.2	0.3	1.9	40.5	1899	1863
39 P	0.5	7	0.30	0.4	1.2	0.3	1.9	41.0	1938	1901
40 P	0.5	7	0.30	0.4	1.2	0.3	1.9	41.5	1975	1938
41 P	0.5	7	0.30	0.4	1.2	0.3	2.0	42.0	2031	1993
42 P	0.5	7	0.30	0.4	1.2	0.3	2.0	42.5	2068	2029
43 P	0.5	7	0.30	0.4	1.2	0.3	2.0	43.0	2105	2066
44 P	0.5	7	0.30	0.4	1.2	0.3	2.0	43.5	2142	2102
45 P	0.5	7	0.30	0.4	1.2	0.3	2.0	43.5	2178	2139
46 P	0.5	7	0.30	0.4	1.2	0.3	2.0	44.0	2215	2175
47 P	0.5	7	0.30	0.4	1.2	0.3	2.0	44.5	2252	2212
48 P	0.5	7	0.30	0.4	1.2	0.3	2.1	45.0	2307	2266
50 P	0.5	7	0.30	0.4	1.2	0.4	2.1	46.5	2511	2454

0.5 SQ MM XLPE INSULATED, INDIVIDUAL ALMYLER & OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	0.5	7	0.30	0.4	1.0	0.2	1.0	12.0	182	176
2 T	0.5	7	0.30	0.4	1.0	0.2	1.2	17.0	307	297
3 T	0.5	7	0.30	0.4	1.0	0.2	1.2	18.0	358	348
4 T	0.5	7	0.30	0.4	1.0	0.3	1.3	20.0	481	464
5 T	0.5	7	0.30	0.4	1.0	0.3	1.3	21.5	548	529
6 T	0.5	7	0.30	0.4	1.0	0.3	1.4	23.0	627	607
7 T	0.5	7	0.30	0.4	1.0	0.3	1.4	23.0	663	643
8 T	0.5	7	0.30	0.4	1.0	0.3	1.4	25.5	751	729
9 T	0.5	7	0.30	0.4	1.0	0.3	1.5	28.0	840	815
10 T	0.5	7	0.30	0.4	1.0	0.3	1.5	26.0	842	819
11 T	0.5	7	0.30	0.4	1.0	0.3	1.5	27.0	900	876
12 T	0.5	7	0.30	0.4	1.0	0.3	1.6	27.5	948	925
13 T	0.5	7	0.30	0.4	1.0	0.3	1.6	31.5	1069	1041
14 T	0.5	7	0.30	0.4	1.0	0.3	1.6	31.5	1105	1077
15 T	0.5	7	0.30	0.4	1.0	0.3	1.7	33.0	1191	1162
16 T	0.5	7	0.30	0.4	1.0	0.3	1.7	33.0	1228	1198
17 T	0.5	7	0.30	0.4	1.0	0.3	1.7	34.5	1299	1268
18 T	0.5	7	0.30	0.4	1.0	0.3	1.7	34.5	1336	1304
19 T	0.5	7	0.30	0.4	1.0	0.3	1.7	34.5	1372	1341
20 T	0.5	7	0.30	0.4	1.0	0.3	1.8	36.5	1465	1432
21 T	0.5	7	0.30	0.4	1.0	0.3	1.8	36.5	1501	1468
22 T	0.5	7	0.30	0.4	1.0	0.3	1.8	38.5	1580	1545
23 T	0.5	7	0.30	0.4	1.0	0.3	1.8	38.5	1616	1582
24 T	0.5	7	0.30	0.4	1.0	0.3	1.9	40.5	1712	1675
25 T	0.5	7	0.30	0.4	1.0	0.3	1.9	40.5	1748	1711
26 T	0.5	7	0.30	0.4	1.0	0.3	1.9	40.5	1784	1748
27 T	0.5	7	0.30	0.4	1.0	0.3	1.9	41.5	1839	1802
28 T	0.5	7	0.30	0.4	1.2	0.3	1.9	43.0	1949	1910
29 T	0.5	7	0.30	0.4	1.2	0.3	1.9	43.0	1986	1946
30 T	0.5	7	0.30	0.4	1.2	0.3	1.9	43.0	2022	1982
31 T	0.5	7	0.30	0.4	1.2	0.3	2.0	45.0	2117	2076
32 T	0.5	7	0.30	0.4	1.2	0.3	2.0	45.0	2153	2112
33 T	0.5	7	0.30	0.4	1.2	0.3	2.0	45.0	2190	2149
34 T	0.5	7	0.30	0.4	1.2	0.3	2.0	46.5	2265	2222
35 T	0.5	7	0.30	0.4	1.2	0.3	2.0	46.5	2301	2259
36 T	0.5	7	0.30	0.4	1.2	0.3	2.0	46.5	2338	2295
37 T	0.5	7	0.30	0.4	1.2	0.3	2.0	46.5	2374	2331
38 T	0.5	7	0.30	0.4	1.2	0.4	2.1	49.0	2614	2554
39 T	0.5	7	0.30	0.4	1.2	0.4	2.1	49.0	2650	2591
40 T	0.5	7	0.30	0.4	1.2	0.4	2.1	49.0	2687	2627
41 T	0.5	7	0.30	0.4	1.2	0.4	2.2	51.0	2796	2734
42 T	0.5	7	0.30	0.4	1.2	0.4	2.2	51.0	2833	2770
43 T	0.5	7	0.30	0.4	1.2	0.4	2.2	51.0	2869	2807
44 T	0.5	7	0.30	0.4	1.2	0.4	2.2	53.0	2956	2891
45 T	0.5	7	0.30	0.4	1.2	0.4	2.2	53.0	2992	2928
46 T	0.5	7	0.30	0.4	1.2	0.4	2.2	53.0	3029	2964
47 T	0.5	7	0.30	0.4	1.2	0.4	2.2	53.0	3065	3000
48 T	0.5	7	0.30	0.4	1.2	0.4	2.2	54.0	3127	3061
50 T	0.5	7	0.30	0.4	1.2	0.4	2.3	55.0	3256	3188

0.75 SQ MM XLPE INSULATED, INDIVIDUAL ALMYLER & OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided	Approx. Net Weight of cable with G.I. Braided
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	0.75	7	0.37	0.5	1.0	0.2	1.1	12.5	193	186
2 P	0.75	7	0.37	0.5	1.0	0.2	1.2	17.0	307	298
3 P	0.75	7	0.37	0.5	1.0	0.2	1.2	18.0	356	346
4 P	0.75	7	0.37	0.5	1.0	0.3	1.3	20.0	478	461
5 P	0.75	7	0.37	0.5	1.0	0.3	1.4	22.0	562	543
6 P	0.75	7	0.37	0.5	1.0	0.3	1.4	22.5	610	590
7 P	0.75	7	0.37	0.5	1.0	0.3	1.4	22.5	645	625
8 P	0.75	7	0.37	0.5	1.0	0.3	1.5	25.0	730	709
9 P	0.75	7	0.37	0.5	1.0	0.3	1.5	26.0	793	770
10 P	0.75	7	0.37	0.5	1.0	0.3	1.6	28.0	872	848
11 P	0.75	7	0.37	0.5	1.0	0.3	1.6	28.0	916	891
12 P	0.75	7	0.37	0.5	1.0	0.3	1.6	29.0	964	939
13 P	0.75	7	0.37	0.5	1.0	0.3	1.6	29.0	1006	980
14 P	0.75	7	0.37	0.5	1.0	0.3	1.6	30.0	1062	1036
15 P	0.75	7	0.37	0.5	1.0	0.3	1.7	31.0	1125	1097
16 P	0.75	7	0.37	0.5	1.0	0.3	1.7	32.0	1186	1158
17 P	0.75	7	0.37	0.5	1.0	0.3	1.7	32.5	1230	1201
18 P	0.75	7	0.37	0.5	1.0	0.3	1.7	33.0	1272	1243
19 P	0.75	7	0.37	0.5	1.0	0.3	1.7	33.5	1320	1290

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided	Approx. Net Weight of cable with G.I. Braided
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
20 P	0.75	7	0.37	0.5	1.0	0.3	1.8	34.5	1393	1363
21 P	0.75	7	0.37	0.5	1.0	0.3	1.8	35.0	1442	1410
22 P	0.75	7	0.37	0.5	1.0	0.3	1.9	36.0	1509	1477
23 P	0.75	7	0.37	0.5	1.0	0.3	1.9	36.5	1558	1525
24 P	0.75	7	0.37	0.5	1.2	0.3	1.9	37.5	1643	1610
25 P	0.75	7	0.37	0.5	1.2	0.3	1.9	38.5	1693	1658
26 P	0.75	7	0.37	0.5	1.2	0.3	1.9	39.0	1742	1707
27 P	0.75	7	0.37	0.5	1.2	0.3	1.9	39.5	1792	1756
28 P	0.75	7	0.37	0.5	1.2	0.3	2.0	40.5	1860	1823
29 P	0.75	7	0.37	0.5	1.2	0.3	2.0	41.0	1907	1870
30 P	0.75	7	0.37	0.5	1.2	0.3	2.0	41.5	1957	1919
31 P	0.75	7	0.37	0.5	1.2	0.3	2.0	42.0	2004	1966
32 P	0.75	7	0.37	0.5	1.2	0.3	2.0	42.5	2054	2015
33 P	0.75	7	0.37	0.5	1.2	0.3	2.0	43.0	2101	2062
34 P	0.75	7	0.37	0.5	1.2	0.4	2.1	44.0	2292	2239
35 P	0.75	7	0.37	0.5	1.2	0.4	2.1	44.5	2341	2287
36 P	0.75	7	0.37	0.5	1.2	0.4	2.1	45.0	2390	2335
37 P	0.75	7	0.37	0.5	1.2	0.4	2.1	45.5	2439	2384
38 P	0.75	7	0.37	0.5	1.2	0.4	2.2	46.5	2509	2453
39 P	0.75	7	0.37	0.5	1.2	0.4	2.2	47.0	2558	2502
40 P	0.75	7	0.37	0.5	1.2	0.4	2.2	47.5	2608	2550
41 P	0.75	7	0.37	0.5	1.2	0.4	2.2	48.0	2657	2599
42 P	0.75	7	0.37	0.5	1.2	0.4	2.2	48.5	2703	2645
43 P	0.75	7	0.37	0.5	1.2	0.4	2.2	49.0	2752	2693
44 P	0.75	7	0.37	0.5	1.2	0.4	2.3	49.5	2821	2762
45 P	0.75	7	0.37	0.5	1.2	0.4	2.3	50.0	2871	2810
46 P	0.75	7	0.37	0.5	1.2	0.4	2.3	50.5	2917	2856
47 P	0.75	7	0.37	0.5	1.2	0.4	2.3	51.0	2967	2905
48 P	0.75	7	0.37	0.5	1.2	0.4	2.3	51.0	3013	2951
50 P	0.75	7	0.37	0.5	1.4	0.4	2.3	52.5	3160	3096

0.75 SQ MM XLPE INSULATED, INDIVIDUAL ALMYLER & OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided	Approx. Net Weight of cable with G.I. Braided
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	0.75	7	0.37	0.5	1.0	0.2	1.1	13.0	214	207
2 T	0.75	7	0.37	0.5	1.0	0.3	1.3	19.0	418	402
3 T	0.75	7	0.37	0.5	1.0	0.3	1.3	20.0	486	469

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided	Approx. Net Weight of cable with G.I. Braided
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
4 T	0.75	7	0.37	0.5	1.0	0.3	1.4	22.0	579	560
5 T	0.75	7	0.37	0.5	1.0	0.3	1.4	24.0	662	641
6 T	0.75	7	0.37	0.5	1.0	0.3	1.5	26.0	761	738
7 T	0.75	7	0.37	0.5	1.0	0.3	1.5	26.0	809	786
8 T	0.75	7	0.37	0.5	1.0	0.3	1.6	29.0	929	904
9 T	0.75	7	0.37	0.5	1.0	0.3	1.6	31.0	1025	997
10 T	0.75	7	0.37	0.5	1.0	0.3	1.7	29.5	1046	1020
11 T	0.75	7	0.37	0.5	1.0	0.3	1.7	30.5	1122	1095
12 T	0.75	7	0.37	0.5	1.0	0.3	1.7	30.5	1170	1143
13 T	0.75	7	0.37	0.5	1.0	0.3	1.8	35.5	1331	1300
14 T	0.75	7	0.37	0.5	1.0	0.3	1.8	35.5	1380	1348
15 T	0.75	7	0.37	0.5	1.0	0.3	1.8	37.0	1468	1435
16 T	0.75	7	0.37	0.5	1.0	0.3	1.8	37.0	1516	1483
17 T	0.75	7	0.37	0.5	1.0	0.3	1.9	39.0	1625	1590
18 T	0.75	7	0.37	0.5	1.0	0.3	1.9	39.0	1673	1638
19 T	0.75	7	0.37	0.5	1.0	0.3	1.9	39.0	1721	1686
20 T	0.75	7	0.37	0.5	1.2	0.3	1.9	41.5	1858	1820
21 T	0.75	7	0.37	0.5	1.2	0.3	1.9	41.5	1906	1868
22 T	0.75	7	0.37	0.5	1.2	0.3	2.0	44.0	2024	1984
23 T	0.75	7	0.37	0.5	1.2	0.3	2.0	44.0	2072	2032
24 T	0.75	7	0.37	0.5	1.2	0.4	2.1	47.0	2324	2267
25 T	0.75	7	0.37	0.5	1.2	0.4	2.1	47.0	2372	2315
26 T	0.75	7	0.37	0.5	1.2	0.4	2.1	47.0	2420	2363
27 T	0.75	7	0.37	0.5	1.2	0.4	2.1	47.5	2493	2435
28 T	0.75	7	0.37	0.5	1.2	0.4	2.2	49.5	2611	2550
29 T	0.75	7	0.37	0.5	1.2	0.4	2.2	49.5	2659	2598
30 T	0.75	7	0.37	0.5	1.2	0.4	2.2	49.5	2707	2646
31 T	0.75	7	0.37	0.5	1.2	0.4	2.2	51.5	2806	2743
32 T	0.75	7	0.37	0.5	1.2	0.4	2.2	51.5	2854	2791
33 T	0.75	7	0.37	0.5	1.2	0.4	2.2	51.5	2902	2839
34 T	0.75	7	0.37	0.5	1.2	0.4	2.3	53.5	3025	2960
35 T	0.75	7	0.37	0.5	1.2	0.4	2.3	53.5	3073	3008
36 T	0.75	7	0.37	0.5	1.2	0.4	2.3	53.5	3121	3056
37 T	0.75	7	0.37	0.5	1.2	0.4	2.3	53.5	3169	3104
38 T	0.75	7	0.37	0.5	1.4	0.4	2.3	56.0	3331	3263
39 T	0.75	7	0.37	0.5	1.4	0.4	2.3	56.0	3380	3311
40 T	0.75	7	0.37	0.5	1.4	0.4	2.3	56.0	3428	3359
41 T	0.75	7	0.37	0.5	1.4	0.4	2.4	58.0	3564	3493
42 T	0.75	7	0.37	0.5	1.4	0.4	2.4	58.0	3612	3541
43 T	0.75	7	0.37	0.5	1.4	0.4	2.4	58.0	3660	3589
44 T	0.75	7	0.37	0.5	1.4	0.4	2.5	60.5	3799	3725
45 T	0.75	7	0.37	0.5	1.4	0.4	2.5	60.5	3847	3773
46 T	0.75	7	0.37	0.5	1.4	0.4	2.5	60.5	3895	3821
47 T	0.75	7	0.37	0.5	1.4	0.4	2.5	60.5	3944	3869
48 T	0.75	7	0.37	0.5	1.4	0.4	2.5	61.5	4022	3947
50 T	0.75	7	0.37	0.5	1.4	0.4	2.6	63.0	4184	4106

1.0 SQ MM XLPE INSULATED, INDIVIDUAL ALMYLER & OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	1	7	0.43	0.5	1.0	0.2	1.1	13.0	205	199
2 P	1	7	0.43	0.5	1.0	0.2	1.2	18.0	332	322
3 P	1	7	0.43	0.5	1.0	0.3	1.3	19.5	448	432
4 P	1	7	0.43	0.5	1.0	0.3	1.3	21.0	519	502
5 P	1	7	0.43	0.5	1.0	0.3	1.4	23.0	612	592
6 P	1	7	0.43	0.5	1.0	0.3	1.4	23.5	668	647
7 P	1	7	0.43	0.5	1.0	0.3	1.4	23.5	709	688
8 P	1	7	0.43	0.5	1.0	0.3	1.5	26.0	803	781
9 P	1	7	0.43	0.5	1.0	0.3	1.6	27.5	887	863
10 P	1	7	0.43	0.5	1.0	0.3	1.6	29.0	963	937
11 P	1	7	0.43	0.5	1.0	0.3	1.6	29.5	1013	987
12 P	1	7	0.43	0.5	1.0	0.3	1.6	30.0	1067	1040
13 P	1	7	0.43	0.5	1.0	0.3	1.7	30.5	1131	1104
14 P	1	7	0.43	0.5	1.0	0.3	1.7	31.5	1194	1166
15 P	1	7	0.43	0.5	1.0	0.3	1.7	32.5	1251	1222
16 P	1	7	0.43	0.5	1.0	0.3	1.7	33.5	1321	1291
17 P	1	7	0.43	0.5	1.0	0.3	1.8	34.0	1385	1354
18 P	1	7	0.43	0.5	1.0	0.3	1.8	34.5	1435	1404
19 P	1	7	0.43	0.5	1.0	0.3	1.8	35.5	1492	1461
20 P	1	7	0.43	0.5	1.0	0.3	1.8	36.5	1556	1524
21 P	1	7	0.43	0.5	1.0	0.3	1.8	37.0	1613	1580
22 P	1	7	0.43	0.5	1.2	0.3	1.9	38.0	1722	1688
23 P	1	7	0.43	0.5	1.2	0.3	1.9	39.0	1780	1745
24 P	1	7	0.43	0.5	1.2	0.3	2.0	40.0	1857	1821
25 P	1	7	0.43	0.5	1.2	0.3	2.0	40.5	1913	1876
26 P	1	7	0.43	0.5	1.2	0.3	2.0	41.0	1971	1934
27 P	1	7	0.43	0.5	1.2	0.3	2.0	41.5	2027	1989
28 P	1	7	0.43	0.5	1.2	0.3	2.0	42.5	2083	2045
29 P	1	7	0.43	0.5	1.2	0.3	2.0	43.0	2139	2100
30 P	1	7	0.43	0.5	1.2	0.3	2.0	43.5	2195	2155
31 P	1	7	0.43	0.5	1.2	0.4	2.1	44.5	2394	2340
32 P	1	7	0.43	0.5	1.2	0.4	2.1	45.5	2451	2397
33 P	1	7	0.43	0.5	1.2	0.4	2.1	46.0	2510	2454
34 P	1	7	0.43	0.5	1.2	0.4	2.2	46.5	2586	2530
35 P	1	7	0.43	0.5	1.2	0.4	2.2	47.0	2644	2587
36 P	1	7	0.43	0.5	1.2	0.4	2.2	47.5	2700	2642
37 P	1	7	0.43	0.5	1.2	0.4	2.2	48.0	2755	2697
38 P	1	7	0.43	0.5	1.2	0.4	2.2	48.5	2811	2752

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
39 P	1	7	0.43	0.5	1.2	0.4	2.2	49.5	2869	2809
40 P	1	7	0.43	0.5	1.2	0.4	2.2	50.0	2924	2864
41 P	1	7	0.43	0.5	1.2	0.4	2.3	50.5	3003	2942
42 P	1	7	0.43	0.5	1.2	0.4	2.3	51.0	3059	2997
43 P	1	7	0.43	0.5	1.2	0.4	2.3	51.5	3114	3052
44 P	1	7	0.43	0.5	1.4	0.4	2.3	52.5	3218	3154
45 P	1	7	0.43	0.5	1.4	0.4	2.3	53.0	3274	3209
46 P	1	7	0.43	0.5	1.4	0.4	2.3	53.5	3330	3265
47 P	1	7	0.43	0.5	1.4	0.4	2.3	54.0	3386	3320
48 P	1	7	0.43	0.5	1.4	0.4	2.4	54.5	3464	3398
50 P	1	7	0.43	0.5	1.4	0.4	2.4	55.5	3577	3509

1.0 SQ MM XLPE INSULATED, INDIVIDUAL ALMYLER & OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC : 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	1	7	0.43	0.5	1.0	0.2	1.1	13.5	230	222
2 T	1	7	0.43	0.5	1.0	0.3	1.3	20.0	453	435
3 T	1	7	0.43	0.5	1.0	0.3	1.3	21.0	532	514
4 T	1	7	0.43	0.5	1.0	0.3	1.4	23.0	636	616
5 T	1	7	0.43	0.5	1.0	0.3	1.4	25.0	731	709
6 T	1	7	0.43	0.5	1.0	0.3	1.5	27.0	841	818
7 T	1	7	0.43	0.5	1.0	0.3	1.5	27.0	899	875
8 T	1	7	0.43	0.5	1.0	0.3	1.6	30.5	1033	1006
9 T	1	7	0.43	0.5	1.0	0.3	1.7	33.0	1157	1128
10 T	1	7	0.43	0.5	1.0	0.3	1.7	31.0	1171	1143
11 T	1	7	0.43	0.5	1.0	0.3	1.7	32.0	1257	1228
12 T	1	7	0.43	0.5	1.0	0.3	1.7	32.0	1314	1285
13 T	1	7	0.43	0.5	1.0	0.3	1.8	37.0	1491	1458
14 T	1	7	0.43	0.5	1.0	0.3	1.8	37.0	1549	1515
15 T	1	7	0.43	0.5	1.0	0.3	1.8	39.0	1651	1616
16 T	1	7	0.43	0.5	1.0	0.3	1.8	39.0	1708	1673
17 T	1	7	0.43	0.5	1.2	0.3	1.9	41.5	1870	1832
18 T	1	7	0.43	0.5	1.2	0.3	1.9	41.5	1927	1889
19 T	1	7	0.43	0.5	1.2	0.3	1.9	41.5	1984	1947

1.5 SQ MM XLPE INSULATED, INDIVIDUAL ALMYLER & OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	1.5	7	0.53	0.6	1.0	0.2	1.1	14.5	268	260
2 T	1.5	7	0.53	0.6	1.0	0.3	1.4	22.5	546	527
3 T	1.5	7	0.53	0.6	1.0	0.3	1.4	23.5	649	628
4 T	1.5	7	0.53	0.6	1.0	0.3	1.5	25.5	780	757
5 T	1.5	7	0.53	0.6	1.0	0.3	1.6	28.0	917	892
6 T	1.5	7	0.53	0.6	1.0	0.3	1.6	30.5	1044	1017
7 T	1.5	7	0.53	0.6	1.0	0.3	1.6	30.5	1122	1095
8 T	1.5	7	0.53	0.6	1.0	0.3	1.7	34.0	1291	1261
9 T	1.5	7	0.53	0.6	1.0	0.3	1.8	37.0	1445	1412
10 T	1.5	7	0.53	0.6	1.0	0.3	1.9	35.0	1488	1457
11 T	1.5	7	0.53	0.6	1.0	0.3	1.9	36.5	1600	1567
12 T	1.5	7	0.53	0.6	1.2	0.3	1.9	37.0	1713	1681
13 T	1.5	7	0.53	0.6	1.2	0.3	2.0	42.5	1942	1904
14 T	1.5	7	0.53	0.6	1.2	0.3	2.0	42.5	2020	1981
15 T	1.5	7	0.53	0.6	1.2	0.3	2.0	44.5	2151	2111
16 T	1.5	7	0.53	0.6	1.2	0.3	2.0	44.5	2229	2189
17 T	1.5	7	0.53	0.6	1.2	0.4	2.1	47.5	2519	2460
18 T	1.5	7	0.53	0.6	1.2	0.4	2.1	47.5	2597	2538
19 T	1.5	7	0.53	0.6	1.2	0.4	2.1	47.5	2674	2616
20 T	1.5	7	0.53	0.6	1.2	0.4	2.2	50.5	2844	2783
21 T	1.5	7	0.53	0.6	1.2	0.4	2.2	50.5	2922	2861
22 T	1.5	7	0.53	0.6	1.2	0.4	2.3	53.5	3101	3035
23 T	1.5	7	0.53	0.6	1.2	0.4	2.3	53.5	3178	3113
24 T	1.5	7	0.53	0.6	1.4	0.4	2.4	56.5	3408	3339
25 T	1.5	7	0.53	0.6	1.4	0.4	2.4	56.5	3486	3417
26 T	1.5	7	0.53	0.6	1.4	0.4	2.4	56.5	3564	3495
27 T	1.5	7	0.53	0.6	1.4	0.4	2.4	57.5	3678	3607
28 T	1.5	7	0.53	0.6	1.4	0.4	2.5	60.0	3843	3769
29 T	1.5	7	0.53	0.6	1.4	0.4	2.5	60.0	3921	3847
30 T	1.5	7	0.53	0.6	1.4	0.4	2.5	60.0	3999	3925
31 T	1.5	7	0.53	0.6	1.4	0.4	2.6	62.0	4172	4096
32 T	1.5	7	0.53	0.6	1.4	0.4	2.6	62.0	4250	4174
33 T	1.5	7	0.53	0.6	1.4	0.4	2.6	62.0	4328	4252
34 T	1.5	7	0.53	0.6	1.4	0.4	2.6	64.5	4477	4397
35 T	1.5	7	0.53	0.6	1.4	0.4	2.6	64.5	4555	4475
36 T	1.5	7	0.53	0.6	1.4	0.4	2.6	64.5	4633	4553
37 T	1.5	7	0.53	0.6	1.4	0.4	2.6	64.5	4711	4631
38 T	1.5	7	0.53	0.6	1.4	0.4	2.7	67.0	4896	4814
39 T	1.5	7	0.53	0.6	1.4	0.4	2.7	67.0	4974	4892
40 T	1.5	7	0.53	0.6	1.4	0.4	2.7	67.0	5052	4970
41 T	1.5	7	0.53	0.6	1.6	0.4	2.8	70.5	5314	5227
42 T	1.5	7	0.53	0.6	1.6	0.4	2.8	70.5	5392	5305
43 T	1.5	7	0.53	0.6	1.6	0.4	2.8	70.5	5470	5383
44 T	1.5	7	0.53	0.6	1.6	0.4	2.9	73.0	5663	5573
45 T	1.5	7	0.53	0.6	1.6	0.4	2.9	73.0	5741	5651
46 T	1.5	7	0.53	0.6	1.6	0.4	2.9	73.0	5819	5729
47 T	1.5	7	0.53	0.6	1.6	0.4	2.9	73.0	5897	5807
48 T	1.5	7	0.53	0.6	1.6	0.4	2.9	74.5	6015	5923
50 T	1.5	7	0.53	0.6	1.6	0.4	3.0	76.0	6255	6161

2.5 SQ MM XLPE INSULATED, INDIVIDUAL ALMYLER & OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	2.5	7	0.67	0.6	1.0	0.2	1.1	14.5	270	262
2 P	2.5	7	0.67	0.6	1.0	0.3	1.4	22.0	533	515
3 P	2.5	7	0.67	0.6	1.0	0.3	1.4	23.0	633	613
4 P	2.5	7	0.67	0.6	1.0	0.3	1.5	25.0	760	738
5 P	2.5	7	0.67	0.6	1.0	0.3	1.5	27.5	890	865
6 P	2.5	7	0.67	0.6	1.0	0.3	1.6	28.5	998	973
7 P	2.5	7	0.67	0.6	1.0	0.3	1.6	28.5	1075	1050
8 P	2.5	7	0.67	0.6	1.0	0.3	1.7	31.5	1222	1194
9 P	2.5	7	0.67	0.6	1.0	0.3	1.8	33.5	1351	1322
10 P	2.5	7	0.67	0.6	1.0	0.3	1.9	35.5	1492	1460
11 P	2.5	7	0.67	0.6	1.0	0.3	1.9	36.0	1578	1546
12 P	2.5	7	0.67	0.6	1.2	0.3	1.9	37.5	1711	1678
13 P	2.5	7	0.67	0.6	1.2	0.3	2.0	38.0	1815	1781
14 P	2.5	7	0.67	0.6	1.2	0.3	2.0	39.0	1923	1888
15 P	2.5	7	0.67	0.6	1.2	0.3	2.0	40.0	2019	1983
16 P	2.5	7	0.67	0.6	1.2	0.3	2.0	41.5	2137	2100
17 P	2.5	7	0.67	0.6	1.2	0.4	2.1	43.0	2365	2314
18 P	2.5	7	0.67	0.6	1.2	0.4	2.1	43.5	2453	2401
19 P	2.5	7	0.67	0.6	1.2	0.4	2.1	44.0	2552	2499
20 P	2.5	7	0.67	0.6	1.2	0.4	2.2	45.5	2685	2630
21 P	2.5	7	0.67	0.6	1.2	0.4	2.2	46.5	2787	2731

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
22 P	2.5	7	0.67	0.6	1.2	0.4	2.3	48.0	2911	2854
23 P	2.5	7	0.67	0.6	1.2	0.4	2.3	49.0	3011	2952
24 P	2.5	7	0.67	0.6	1.4	0.4	2.4	50.0	3184	3124
25 P	2.5	7	0.67	0.6	1.4	0.4	2.4	50.5	3285	3224
26 P	2.5	7	0.67	0.6	1.4	0.4	2.4	51.5	3386	3323
27 P	2.5	7	0.67	0.6	1.4	0.4	2.4	52.0	3483	3420
28 P	2.5	7	0.67	0.6	1.4	0.4	2.5	53.0	3608	3544
29 P	2.5	7	0.67	0.6	1.4	0.4	2.5	54.0	3709	3644
30 P	2.5	7	0.67	0.6	1.4	0.4	2.5	54.5	3807	3741
31 P	2.5	7	0.67	0.6	1.4	0.4	2.5	55.5	3909	3841
32 P	2.5	7	0.67	0.6	1.4	0.4	2.5	56.0	4007	3938
33 P	2.5	7	0.67	0.6	1.4	0.4	2.5	57.0	4105	4035
34 P	2.5	7	0.67	0.6	1.4	0.4	2.6	58.0	4229	4159
35 P	2.5	7	0.67	0.6	1.4	0.4	2.6	58.5	4327	4256
36 P	2.5	7	0.67	0.6	1.4	0.4	2.6	59.0	4426	4353
37 P	2.5	7	0.67	0.6	1.4	0.4	2.6	60.0	4521	4448
38 P	2.5	7	0.67	0.6	1.4	0.4	2.7	61.0	4647	4573
39 P	2.5	7	0.67	0.6	1.4	0.4	2.7	62.0	4746	4671
40 P	2.5	7	0.67	0.6	1.4	0.4	2.7	62.5	4841	4765
41 P	2.5	7	0.67	0.6	1.6	0.4	2.8	63.0	5026	4949
42 P	2.5	7	0.67	0.6	1.6	0.4	2.8	64.0	5122	5045
43 P	2.5	7	0.67	0.6	1.6	0.4	2.8	64.5	5222	5143
44 P	2.5	7	0.67	0.6	1.6	0.4	2.9	65.5	5348	5269
45 P	2.5	7	0.67	0.6	1.6	0.4	2.9	66.0	5445	5364
46 P	2.5	7	0.67	0.6	1.6	0.4	2.9	66.5	5542	5460
47 P	2.5	7	0.67	0.6	1.6	0.4	2.9	67.0	5638	5556
48 P	2.5	7	0.67	0.6	1.6	0.4	2.9	67.5	5735	5652
50 P	2.5	7	0.67	0.6	1.6	0.4	2.9	69.0	5928	5844

2.5 SQ MM XLPE INSULATED, INDIVIDUAL ALMYLER & OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	2.5	7	0.67	0.6	1.0	0.2	1.2	15.5	320	312
2 T	2.5	7	0.67	0.6	1.0	0.3	1.4	24.0	641	620

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
3 T	2.5	7	0.67	0.6	1.0	0.3	1.5	25.5	790	768
4 T	2.5	7	0.67	0.6	1.0	0.3	1.6	28.0	958	933
5 T	2.5	7	0.67	0.6	1.0	0.3	1.6	30.5	1118	1091
6 T	2.5	7	0.67	0.6	1.0	0.3	1.7	33.0	1298	1268
7 T	2.5	7	0.67	0.6	1.0	0.3	1.7	33.0	1406	1377
8 T	2.5	7	0.67	0.6	1.0	0.3	1.8	37.0	1616	1582
9 T	2.5	7	0.67	0.6	1.2	0.3	1.9	40.5	1849	1812
10 T	2.5	7	0.67	0.6	1.2	0.3	2.0	38.5	1913	1879
11 T	2.5	7	0.67	0.6	1.2	0.3	2.0	40.0	2064	2028
12 T	2.5	7	0.67	0.6	1.2	0.3	2.0	40.0	2172	2136
13 T	2.5	7	0.67	0.6	1.2	0.4	2.1	47.0	2581	2524
14 T	2.5	7	0.67	0.6	1.2	0.4	2.1	47.0	2690	2633
15 T	2.5	7	0.67	0.6	1.2	0.4	2.2	49.5	2887	2827
16 T	2.5	7	0.67	0.6	1.2	0.4	2.2	49.5	2996	2936
17 T	2.5	7	0.67	0.6	1.2	0.4	2.3	52.0	3202	3138
18 T	2.5	7	0.67	0.6	1.2	0.4	2.3	52.0	3311	3247
19 T	2.5	7	0.67	0.6	1.2	0.4	2.3	52.0	3419	3356
20 T	2.5	7	0.67	0.6	1.4	0.4	2.4	55.5	3687	3619
21 T	2.5	7	0.67	0.6	1.4	0.4	2.4	55.5	3795	3727
22 T	2.5	7	0.67	0.6	1.4	0.4	2.5	58.5	4018	3946
23 T	2.5	7	0.67	0.6	1.4	0.4	2.5	58.5	4126	4054
24 T	2.5	7	0.67	0.6	1.4	0.4	2.6	61.5	4348	4273
25 T	2.5	7	0.67	0.6	1.4	0.4	2.6	61.5	4457	4382
26 T	2.5	7	0.67	0.6	1.4	0.4	2.6	61.5	4566	4490
27 T	2.5	7	0.67	0.6	1.4	0.4	2.6	63.0	4715	4637
28 T	2.5	7	0.67	0.6	1.4	0.4	2.7	65.5	4921	4841
29 T	2.5	7	0.67	0.6	1.4	0.4	2.7	65.5	5030	4949
30 T	2.5	7	0.67	0.6	1.4	0.4	2.7	65.5	5138	5058
31 T	2.5	7	0.67	0.6	1.6	0.4	2.8	68.5	5422	5338
32 T	2.5	7	0.67	0.6	1.6	0.4	2.8	68.5	5531	5446
33 T	2.5	7	0.67	0.6	1.6	0.4	2.8	68.5	5639	5555
34 T	2.5	7	0.67	0.6	1.6	0.4	2.8	71.0	5830	5742
35 T	2.5	7	0.67	0.6	1.6	0.4	2.8	71.0	5939	5851
36 T	2.5	7	0.67	0.6	1.6	0.4	2.8	71.0	6047	5959
37 T	2.5	7	0.67	0.6	1.6	0.4	2.8	71.0	6156	6068
38 T	2.5	7	0.67	0.6	1.6	0.4	2.9	74.0	6393	6302
39 T	2.5	7	0.67	0.6	1.6	0.4	2.9	74.0	6502	6410
40 T	2.5	7	0.67	0.6	1.6	0.4	2.9	74.0	6611	6519
41 T	2.5	7	0.67	0.6	1.6	0.4	3.0	77.0	6851	6755
42 T	2.5	7	0.67	0.6	1.6	0.4	3.0	77.0	6960	6864
43 T	2.5	7	0.67	0.6	1.6	0.4	3.0	77.0	7068	6973
44 T	2.5	7	0.67	0.6	1.6	0.4	3.1	80.0	7308	7208
45 T	2.5	7	0.67	0.6	1.6	0.4	3.1	80.0	7416	7317
46 T	2.5	7	0.67	0.6	1.6	0.4	3.1	80.0	7525	7426
47 T	2.5	7	0.67	0.6	1.6	0.4	3.1	80.0	7634	7534
48 T	2.5	7	0.67	0.6	1.6	0.4	3.2	81.5	7821	7720
50 T	2.5	7	0.67	0.6	1.6	0.4	3.2	83.5	8100	7997

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
20 T	1	7	0.43	0.5	1.2	0.3	2.0	44.0	2114	2074
21 T	1	7	0.43	0.5	1.2	0.3	2.0	44.0	2172	2132
22 T	1	7	0.43	0.5	1.2	0.3	2.0	46.5	2282	2240
23 T	1	7	0.43	0.5	1.2	0.3	2.0	46.5	2340	2297
24 T	1	7	0.43	0.5	1.2	0.4	2.1	49.0	2611	2551
25 T	1	7	0.43	0.5	1.2	0.4	2.1	49.0	2668	2608
26 T	1	7	0.43	0.5	1.2	0.4	2.1	49.0	2726	2665
27 T	1	7	0.43	0.5	1.2	0.4	2.2	50.5	2833	2772
28 T	1	7	0.43	0.5	1.2	0.4	2.2	52.0	2941	2878
29 T	1	7	0.43	0.5	1.2	0.4	2.2	52.0	2999	2935
30 T	1	7	0.43	0.5	1.2	0.4	2.2	52.0	3056	2992
31 T	1	7	0.43	0.5	1.2	0.4	2.3	54.5	3192	3125
32 T	1	7	0.43	0.5	1.2	0.4	2.3	54.5	3249	3183
33 T	1	7	0.43	0.5	1.2	0.4	2.3	54.5	3306	3240
34 T	1	7	0.43	0.5	1.4	0.4	2.3	56.5	3475	3406
35 T	1	7	0.43	0.5	1.4	0.4	2.3	56.5	3533	3463
36 T	1	7	0.43	0.5	1.4	0.4	2.3	56.5	3590	3520
37 T	1	7	0.43	0.5	1.4	0.4	2.3	56.5	3648	3578
38 T	1	7	0.43	0.5	1.4	0.4	2.4	59.0	3797	3724
39 T	1	7	0.43	0.5	1.4	0.4	2.4	59.0	3854	3781
40 T	1	7	0.43	0.5	1.4	0.4	2.4	59.0	3911	3839
41 T	1	7	0.43	0.5	1.4	0.4	2.5	61.5	4066	3990
42 T	1	7	0.43	0.5	1.4	0.4	2.5	61.5	4123	4047
43 T	1	7	0.43	0.5	1.4	0.4	2.5	61.5	4180	4105
44 T	1	7	0.43	0.5	1.4	0.4	2.6	64.0	4334	4255
45 T	1	7	0.43	0.5	1.4	0.4	2.6	64.0	4391	4313
46 T	1	7	0.43	0.5	1.4	0.4	2.6	64.0	4449	4370
47 T	1	7	0.43	0.5	1.4	0.4	2.6	64.0	4506	4427
48 T	1	7	0.43	0.5	1.4	0.4	2.6	65.0	4594	4514
50 T	1	7	0.43	0.5	1.4	0.4	2.6	66.5	4749	4667

1.5 SQ MM XLPE INSULATED, INDIVIDUAL ALMYLER & OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC : 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided	Approx. Net Weight of cable with G.I. Braided
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	1.5	7	0.53	0.6	1.0	0.2	1.1	14.0	236	228
2 P	1.5	7	0.53	0.6	1.0	0.3	1.3	20.0	453	435
3 P	1.5	7	0.53	0.6	1.0	0.3	1.4	21.5	538	520

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided	Approx. Net Weight of cable with G.I. Braided
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
4 P	1.5	7	0.53	0.6	1.0	0.3	1.4	23.0	628	608
5 P	1.5	7	0.53	0.6	1.0	0.3	1.5	25.5	743	720
6 P	1.5	7	0.53	0.6	1.0	0.3	1.5	26.5	815	792
7 P	1.5	7	0.53	0.6	1.0	0.3	1.5	26.5	870	847
8 P	1.5	7	0.53	0.6	1.0	0.3	1.6	29.0	987	962
9 P	1.5	7	0.53	0.6	1.0	0.3	1.7	30.5	1091	1064
10 P	1.5	7	0.53	0.6	1.0	0.3	1.7	32.5	1189	1160
11 P	1.5	7	0.53	0.6	1.0	0.3	1.7	33.0	1253	1223
12 P	1.5	7	0.53	0.6	1.0	0.3	1.8	34.0	1339	1309
13 P	1.5	7	0.53	0.6	1.0	0.3	1.8	34.5	1403	1373
14 P	1.5	7	0.53	0.6	1.0	0.3	1.8	35.5	1486	1454
15 P	1.5	7	0.53	0.6	1.2	0.3	1.9	37.0	1611	1578
16 P	1.5	7	0.53	0.6	1.2	0.3	1.9	38.5	1702	1668
17 P	1.5	7	0.53	0.6	1.2	0.3	2.0	39.0	1785	1750
18 P	1.5	7	0.53	0.6	1.2	0.3	2.0	39.5	1850	1815
19 P	1.5	7	0.53	0.6	1.2	0.3	2.0	40.0	1925	1889
20 P	1.5	7	0.53	0.6	1.2	0.3	2.0	41.5	2007	1970
21 P	1.5	7	0.53	0.6	1.2	0.3	2.0	42.0	2082	2044
22 P	1.5	7	0.53	0.6	1.2	0.4	2.1	43.5	2298	2246
23 P	1.5	7	0.53	0.6	1.2	0.4	2.1	44.5	2376	2322
24 P	1.5	7	0.53	0.6	1.2	0.4	2.2	45.5	2471	2417
25 P	1.5	7	0.53	0.6	1.2	0.4	2.2	46.0	2549	2493
26 P	1.5	7	0.53	0.6	1.2	0.4	2.2	47.0	2624	2568
27 P	1.5	7	0.53	0.6	1.2	0.4	2.2	47.5	2699	2642
28 P	1.5	7	0.53	0.6	1.2	0.4	2.3	48.5	2796	2738
29 P	1.5	7	0.53	0.6	1.2	0.4	2.3	49.0	2872	2812
30 P	1.5	7	0.53	0.6	1.2	0.4	2.3	50.0	2947	2887
31 P	1.5	7	0.53	0.6	1.4	0.4	2.3	51.0	3069	3007
32 P	1.5	7	0.53	0.6	1.4	0.4	2.3	51.5	3145	3082
33 P	1.5	7	0.53	0.6	1.4	0.4	2.3	52.0	3218	3154
34 P	1.5	7	0.53	0.6	1.4	0.4	2.4	53.0	3318	3254
35 P	1.5	7	0.53	0.6	1.4	0.4	2.4	53.5	3392	3326
36 P	1.5	7	0.53	0.6	1.4	0.4	2.4	54.0	3465	3399
37 P	1.5	7	0.53	0.6	1.4	0.4	2.4	55.0	3538	3471
38 P	1.5	7	0.53	0.6	1.4	0.4	2.5	55.5	3637	3569
39 P	1.5	7	0.53	0.6	1.4	0.4	2.5	56.0	3711	3642
40 P	1.5	7	0.53	0.6	1.4	0.4	2.5	57.0	3784	3715
41 P	1.5	7	0.53	0.6	1.4	0.4	2.6	57.5	3884	3814
42 P	1.5	7	0.53	0.6	1.4	0.4	2.6	58.0	3955	3884
43 P	1.5	7	0.53	0.6	1.4	0.4	2.6	58.5	4029	3957
44 P	1.5	7	0.53	0.6	1.4	0.4	2.6	59.0	4100	4027
45 P	1.5	7	0.53	0.6	1.4	0.4	2.6	60.0	4174	4101
46 P	1.5	7	0.53	0.6	1.4	0.4	2.6	60.5	4247	4173
47 P	1.5	7	0.53	0.6	1.4	0.4	2.6	61.0	4318	4244
48 P	1.5	7	0.53	0.6	1.4	0.4	2.7	61.5	4417	4342
50 P	1.5	7	0.53	0.6	1.4	0.4	2.7	62.5	4562	4486

FIRE RESISTANT INSTRUMENTATION CABLES OVERALL SHEILDED

RATED OPERATING VOLTAGE : 150/250 V (300 V)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 376

CABLE OVERALL SCREENED

1. CONDUCTOR MATERIAL : Stranded, annealed, tinned or untinned copper class 2 as per IEC 60228

2. HEAT BARRIER : Glass mica tape

3. INSULATION MATERIAL : Extruded XLPE Insulation

LAY UP : Cores twisted to form a pair or triad, Twisted pairs or triads laid up

4. OVERALL SHEILDING : Overall shielded with lapped Mylar backed Aluminium tape provided with a stranded, tinned copper drain wire under the shielding tape

5. INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional- other polymeric compounds

6. ARMOUR/ BRAIDING MATERIAL : Annealed Tinned Copper Wire, Option GI wire, SS wire or Bronze wire

7. OUTER SHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional- other polymeric compounds



0.5 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELDED BRAIDED ARMOURED CABLE

Standard Specification : IEC : 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thicknes of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thicknes Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	0.5	7	0.30	0.4	1.0	0.2	1.0	11.5	171	164
2 P	0.5	7	0.30	0.4	1.0	0.2	1.1	16.0	261	253
3 P	0.5	7	0.30	0.4	1.0	0.2	1.2	16.5	297	288
4 P	0.5	7	0.30	0.4	1.0	0.2	1.2	18.0	336	326
5 P	0.5	7	0.30	0.4	1.0	0.2	1.2	19.5	381	370
6 P	0.5	7	0.30	0.4	1.0	0.3	1.3	20.5	473	455
7 P	0.5	7	0.30	0.4	1.0	0.3	1.3	20.5	491	473
8 P	0.5	7	0.30	0.4	1.0	0.3	1.3	22.0	540	521
9 P	0.5	7	0.30	0.4	1.0	0.3	1.4	23.5	592	572
10 P	0.5	7	0.30	0.4	1.0	0.3	1.4	24.5	636	614
11 P	0.5	7	0.30	0.4	1.0	0.3	1.4	25.0	660	638
12 P	0.5	7	0.30	0.4	1.0	0.3	1.4	25.5	689	667
13 P	0.5	7	0.30	0.4	1.0	0.3	1.5	26.0	725	702
14 P	0.5	7	0.30	0.4	1.0	0.3	1.5	26.5	758	735

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
15 P	0.5	7	0.30	0.4	1.0	0.3	1.5	27.0	787	763
16 P	0.5	7	0.30	0.4	1.0	0.3	1.5	28.0	829	804
17 P	0.5	7	0.30	0.4	1.0	0.3	1.5	28.5	851	826
18 P	0.5	7	0.30	0.4	1.0	0.3	1.5	28.5	876	850
19 P	0.5	7	0.30	0.4	1.0	0.3	1.5	29.0	904	878
20 P	0.5	7	0.30	0.4	1.0	0.3	1.6	30.0	954	927
21 P	0.5	7	0.30	0.4	1.0	0.3	1.6	30.5	983	956
22 P	0.5	7	0.30	0.4	1.0	0.3	1.6	31.0	1012	984
23 P	0.5	7	0.30	0.4	1.0	0.3	1.6	31.5	1041	1013
24 P	0.5	7	0.30	0.4	1.0	0.3	1.7	32.5	1085	1056
25 P	0.5	7	0.30	0.4	1.0	0.3	1.7	33.0	1114	1085
26 P	0.5	7	0.30	0.4	1.0	0.3	1.7	33.5	1143	1114
27 P	0.5	7	0.30	0.4	1.0	0.3	1.7	34.0	1172	1142
28 P	0.5	7	0.30	0.4	1.0	0.3	1.7	34.0	1200	1169
29 P	0.5	7	0.30	0.4	1.0	0.3	1.7	34.5	1229	1198
30 P	0.5	7	0.30	0.4	1.0	0.3	1.7	35.0	1256	1224
31 P	0.5	7	0.30	0.4	1.0	0.3	1.8	36.0	1301	1269
32 P	0.5	7	0.30	0.4	1.0	0.3	1.8	36.0	1329	1296
33 P	0.5	7	0.30	0.4	1.0	0.3	1.8	36.5	1356	1323
34 P	0.5	7	0.30	0.4	1.0	0.3	1.8	37.0	1385	1352
35 P	0.5	7	0.30	0.4	1.0	0.3	1.8	37.5	1412	1379
36 P	0.5	7	0.30	0.4	1.0	0.3	1.8	38.0	1440	1405
37 P	0.5	7	0.30	0.4	1.0	0.3	1.8	38.5	1467	1432
38 P	0.5	7	0.30	0.4	1.0	0.3	1.9	39.0	1512	1477
39 P	0.5	7	0.30	0.4	1.0	0.3	1.9	39.5	1539	1504
40 P	0.5	7	0.30	0.4	1.0	0.3	1.9	39.5	1567	1531
41 P	0.5	7	0.30	0.4	1.2	0.3	1.9	40.5	1633	1596
42 P	0.5	7	0.30	0.4	1.2	0.3	1.9	41.0	1658	1621
43 P	0.5	7	0.30	0.4	1.2	0.3	1.9	41.0	1686	1649
44 P	0.5	7	0.30	0.4	1.2	0.3	1.9	41.5	1714	1676
45 P	0.5	7	0.30	0.4	1.2	0.3	1.9	42.0	1739	1701
46 P	0.5	7	0.30	0.4	1.2	0.3	1.9	42.5	1767	1728
47 P	0.5	7	0.30	0.4	1.2	0.3	1.9	42.5	1794	1755
48 P	0.5	7	0.30	0.4	1.2	0.3	2.0	43.0	1839	1800
50 P	0.5	7	0.30	0.4	1.2	0.3	2.0	44.0	1892	1852

0.5 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELDED BRAIDED ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	0.5	7	0.30	0.4	1.0	0.2	1.0	12.0	186	180
2 T	0.5	7	0.30	0.4	1.0	0.2	1.2	17.5	313	304
3 T	0.5	7	0.30	0.4	1.0	0.2	1.2	18.5	354	344
4 T	0.5	7	0.30	0.4	1.0	0.2	1.2	19.5	406	394
5 T	0.5	7	0.30	0.4	1.0	0.3	1.3	22.0	529	510
6 T	0.5	7	0.30	0.4	1.0	0.3	1.3	23.5	590	569
7 T	0.5	7	0.30	0.4	1.0	0.3	1.3	23.5	617	596
8 T	0.5	7	0.30	0.4	1.0	0.3	1.4	26.0	704	681
9 T	0.5	7	0.30	0.4	1.0	0.3	1.5	28.0	785	760
10 T	0.5	7	0.30	0.4	1.0	0.3	1.5	26.5	776	753
11 T	0.5	7	0.30	0.4	1.0	0.3	1.5	27.5	825	800
12 T	0.5	7	0.30	0.4	1.0	0.3	1.5	27.5	851	827
13 T	0.5	7	0.30	0.4	1.0	0.3	1.6	31.5	976	948
14 T	0.5	7	0.30	0.4	1.0	0.3	1.6	31.5	1003	975
15 T	0.5	7	0.30	0.4	1.0	0.3	1.6	33.0	1064	1034
16 T	0.5	7	0.30	0.4	1.0	0.3	1.6	33.0	1090	1061
17 T	0.5	7	0.30	0.4	1.0	0.3	1.6	34.5	1153	1122
18 T	0.5	7	0.30	0.4	1.0	0.3	1.6	34.5	1180	1148
19 T	0.5	7	0.30	0.4	1.0	0.3	1.6	34.5	1206	1175
20 T	0.5	7	0.30	0.4	1.0	0.3	1.7	36.5	1288	1255
21 T	0.5	7	0.30	0.4	1.0	0.3	1.7	36.5	1315	1282
22 T	0.5	7	0.30	0.4	1.0	0.3	1.7	38.5	1383	1348
23 T	0.5	7	0.30	0.4	1.0	0.3	1.7	38.5	1410	1375
24 T	0.5	7	0.30	0.4	1.0	0.3	1.8	40.0	1494	1457
25 T	0.5	7	0.30	0.4	1.0	0.3	1.8	40.0	1521	1484
26 T	0.5	7	0.30	0.4	1.0	0.3	1.8	40.0	1547	1511
27 T	0.5	7	0.30	0.4	1.0	0.3	1.8	41.0	1592	1555
28 T	0.5	7	0.30	0.4	1.0	0.3	1.9	42.5	1672	1633
29 T	0.5	7	0.30	0.4	1.0	0.3	1.9	42.5	1698	1660
30 T	0.5	7	0.30	0.4	1.0	0.3	1.9	42.5	1725	1686
31 T	0.5	7	0.30	0.4	1.2	0.3	1.9	44.5	1830	1789
32 T	0.5	7	0.30	0.4	1.2	0.3	1.9	44.5	1857	1816
33 T	0.5	7	0.30	0.4	1.2	0.3	1.9	44.5	1884	1843
34 T	0.5	7	0.30	0.4	1.2	0.3	1.9	46.0	1950	1908
35 T	0.5	7	0.30	0.4	1.2	0.3	1.9	46.0	1977	1934
36 T	0.5	7	0.30	0.4	1.2	0.3	1.9	46.0	2003	1961
37 T	0.5	7	0.30	0.4	1.2	0.3	1.9	46.0	2030	1988
38 T	0.5	7	0.30	0.4	1.2	0.3	2.0	48.0	2121	2077
39 T	0.5	7	0.30	0.4	1.2	0.3	2.0	48.0	2147	2103
40 T	0.5	7	0.30	0.4	1.2	0.3	2.0	48.0	2174	2130
41 T	0.5	7	0.30	0.4	1.2	0.3	2.0	50.0	2246	2201
42 T	0.5	7	0.30	0.4	1.2	0.3	2.0	50.0	2273	2227
43 T	0.5	7	0.30	0.4	1.2	0.3	2.0	50.0	2300	2254
44 T	0.5	7	0.30	0.4	1.2	0.4	2.1	52.0	2540	2476
45 T	0.5	7	0.30	0.4	1.2	0.4	2.1	52.0	2567	2503
46 T	0.5	7	0.30	0.4	1.2	0.4	2.1	52.0	2593	2529
47 T	0.5	7	0.30	0.4	1.2	0.4	2.1	52.0	2620	2556
48 T	0.5	7	0.30	0.4	1.2	0.4	2.1	53.0	2669	2604
50 T	0.5	7	0.30	0.4	1.2	0.4	2.2	54.5	2779	2713

0.75 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELDED BRAIDED ARMOURED CABLE

Standard Specification : IEC : 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	0.75	7	0.37	0.5	1.0	0.2	1.1	12.5	197	190
2 P	0.75	7	0.37	0.5	1.0	0.2	1.2	17.5	308	299
3 P	0.75	7	0.37	0.5	1.0	0.2	1.2	18.0	346	336
4 P	0.75	7	0.37	0.5	1.0	0.3	1.3	20.0	458	441
5 P	0.75	7	0.37	0.5	1.0	0.3	1.3	22.0	522	503
6 P	0.75	7	0.37	0.5	1.0	0.3	1.4	22.5	570	550
7 P	0.75	7	0.37	0.5	1.0	0.3	1.4	22.5	595	575
8 P	0.75	7	0.37	0.5	1.0	0.3	1.4	24.5	659	637
9 P	0.75	7	0.37	0.5	1.0	0.3	1.5	26.0	722	699
10 P	0.75	7	0.37	0.5	1.0	0.3	1.5	27.5	778	754
11 P	0.75	7	0.37	0.5	1.0	0.3	1.5	27.5	810	785
12 P	0.75	7	0.37	0.5	1.0	0.3	1.5	28.0	848	823
13 P	0.75	7	0.37	0.5	1.0	0.3	1.6	28.5	893	868
14 P	0.75	7	0.37	0.5	1.0	0.3	1.6	29.5	938	912
15 P	0.75	7	0.37	0.5	1.0	0.3	1.6	30.0	977	950
16 P	0.75	7	0.37	0.5	1.0	0.3	1.6	31.5	1029	1001
17 P	0.75	7	0.37	0.5	1.0	0.3	1.7	32.0	1076	1047
18 P	0.75	7	0.37	0.5	1.0	0.3	1.7	32.0	1108	1079
19 P	0.75	7	0.37	0.5	1.0	0.3	1.7	33.0	1147	1117
20 P	0.75	7	0.37	0.5	1.0	0.3	1.7	33.5	1193	1162

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
21 P	0.75	7	0.37	0.5	1.0	0.3	1.7	34.5	1232	1201
22 P	0.75	7	0.37	0.5	1.0	0.3	1.8	35.0	1286	1255
23 P	0.75	7	0.37	0.5	1.0	0.3	1.8	35.5	1326	1294
24 P	0.75	7	0.37	0.5	1.0	0.3	1.8	36.5	1365	1332
25 P	0.75	7	0.37	0.5	1.0	0.3	1.8	37.0	1402	1369
26 P	0.75	7	0.37	0.5	1.0	0.3	1.8	37.5	1441	1407
27 P	0.75	7	0.37	0.5	1.0	0.3	1.9	38.0	1495	1461
28 P	0.75	7	0.37	0.5	1.2	0.3	1.9	39.0	1570	1535
29 P	0.75	7	0.37	0.5	1.2	0.3	1.9	39.5	1610	1574
30 P	0.75	7	0.37	0.5	1.2	0.3	1.9	40.0	1647	1611
31 P	0.75	7	0.37	0.5	1.2	0.3	1.9	40.5	1685	1648
32 P	0.75	7	0.37	0.5	1.2	0.3	1.9	41.0	1723	1685
33 P	0.75	7	0.37	0.5	1.2	0.3	1.9	41.5	1760	1722
34 P	0.75	7	0.37	0.5	1.2	0.3	2.0	42.5	1817	1779
35 P	0.75	7	0.37	0.5	1.2	0.3	2.0	43.0	1855	1816
36 P	0.75	7	0.37	0.5	1.2	0.3	2.0	43.0	1890	1851
37 P	0.75	7	0.37	0.5	1.2	0.3	2.0	43.5	1928	1888
38 P	0.75	7	0.37	0.5	1.2	0.3	2.0	44.0	1966	1925
39 P	0.75	7	0.37	0.5	1.2	0.3	2.0	44.5	2001	1960
40 P	0.75	7	0.37	0.5	1.2	0.3	2.0	45.0	2039	1998
41 P	0.75	7	0.37	0.5	1.2	0.4	2.1	46.0	2224	2168
42 P	0.75	7	0.37	0.5	1.2	0.4	2.1	46.5	2261	2204
43 P	0.75	7	0.37	0.5	1.2	0.4	2.1	47.0	2300	2243
44 P	0.75	7	0.37	0.5	1.2	0.4	2.2	47.5	2359	2301
45 P	0.75	7	0.37	0.5	1.2	0.4	2.2	48.0	2395	2337
46 P	0.75	7	0.37	0.5	1.2	0.4	2.2	48.5	2435	2376
47 P	0.75	7	0.37	0.5	1.2	0.4	2.2	49.0	2472	2412
48 P	0.75	7	0.37	0.5	1.2	0.4	2.2	49.5	2509	2448
50 P	0.75	7	0.37	0.5	1.2	0.4	2.2	50.0	2582	2521

0.75 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELDED BRAIDED ARMOURED CABLE

Standard Specification : IEC : 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	0.75	7	0.37	0.5	1.0	0.2	1.1	13.0	218	211
2 T	0.75	7	0.37	0.5	1.0	0.2	1.2	19.0	364	353

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
3 T	0.75	7	0.37	0.5	1.0	0.3	1.3	21.0	486	468
4 T	0.75	7	0.37	0.5	1.0	0.3	1.3	22.5	557	538
5 T	0.75	7	0.37	0.5	1.0	0.3	1.4	24.5	642	621
6 T	0.75	7	0.37	0.5	1.0	0.3	1.4	26.0	719	696
7 T	0.75	7	0.37	0.5	1.0	0.3	1.4	26.0	756	733
8 T	0.75	7	0.37	0.5	1.0	0.3	1.5	29.0	868	842
9 T	0.75	7	0.37	0.5	1.0	0.3	1.6	31.5	967	939
10 T	0.75	7	0.37	0.5	1.0	0.3	1.6	29.5	963	937
11 T	0.75	7	0.37	0.5	1.0	0.3	1.6	31.0	1028	1001
12 T	0.75	7	0.37	0.5	1.0	0.3	1.6	31.0	1066	1038
13 T	0.75	7	0.37	0.5	1.0	0.3	1.7	35.5	1217	1185
14 T	0.75	7	0.37	0.5	1.0	0.3	1.7	35.5	1255	1223
15 T	0.75	7	0.37	0.5	1.0	0.3	1.7	37.0	1331	1298
16 T	0.75	7	0.37	0.5	1.0	0.3	1.7	37.0	1369	1335
17 T	0.75	7	0.37	0.5	1.0	0.3	1.8	39.0	1468	1433
18 T	0.75	7	0.37	0.5	1.0	0.3	1.8	39.0	1506	1471
19 T	0.75	7	0.37	0.5	1.0	0.3	1.8	39.0	1544	1508
20 T	0.75	7	0.37	0.5	1.0	0.3	1.9	41.5	1647	1610
21 T	0.75	7	0.37	0.5	1.0	0.3	1.9	41.5	1685	1647
22 T	0.75	7	0.37	0.5	1.2	0.3	1.9	43.5	1812	1772
23 T	0.75	7	0.37	0.5	1.2	0.3	1.9	43.5	1850	1810
24 T	0.75	7	0.37	0.5	1.2	0.3	2.0	46.0	1958	1917
25 T	0.75	7	0.37	0.5	1.2	0.3	2.0	46.0	1996	1954
26 T	0.75	7	0.37	0.5	1.2	0.3	2.0	46.0	2034	1992
27 T	0.75	7	0.37	0.5	1.2	0.3	2.0	47.0	2097	2054
28 T	0.75	7	0.37	0.5	1.2	0.3	2.1	48.5	2195	2150
29 T	0.75	7	0.37	0.5	1.2	0.3	2.1	48.5	2232	2188
30 T	0.75	7	0.37	0.5	1.2	0.3	2.1	48.5	2270	2226
31 T	0.75	7	0.37	0.5	1.2	0.4	2.1	51.0	2497	2435
32 T	0.75	7	0.37	0.5	1.2	0.4	2.1	51.0	2535	2472
33 T	0.75	7	0.37	0.5	1.2	0.4	2.1	51.0	2573	2510
34 T	0.75	7	0.37	0.5	1.2	0.4	2.2	53.0	2686	2621
35 T	0.75	7	0.37	0.5	1.2	0.4	2.2	53.0	2724	2659
36 T	0.75	7	0.37	0.5	1.2	0.4	2.2	53.0	2761	2697
37 T	0.75	7	0.37	0.5	1.2	0.4	2.2	53.0	2799	2734
38 T	0.75	7	0.37	0.5	1.2	0.4	2.2	55.0	2895	2827
39 T	0.75	7	0.37	0.5	1.2	0.4	2.2	55.0	2933	2865
40 T	0.75	7	0.37	0.5	1.2	0.4	2.2	55.0	2970	2903
41 T	0.75	7	0.37	0.5	1.2	0.4	2.3	57.0	3095	3025
42 T	0.75	7	0.37	0.5	1.2	0.4	2.3	57.0	3133	3063
43 T	0.75	7	0.37	0.5	1.2	0.4	2.3	57.0	3171	3100
44 T	0.75	7	0.37	0.5	1.4	0.4	2.4	60.0	3352	3279
45 T	0.75	7	0.37	0.5	1.4	0.4	2.4	60.0	3390	3316
46 T	0.75	7	0.37	0.5	1.4	0.4	2.4	60.0	3427	3354
47 T	0.75	7	0.37	0.5	1.4	0.4	2.4	60.0	3465	3392
48 T	0.75	7	0.37	0.5	1.4	0.4	2.4	60.5	3531	3456
50 T	0.75	7	0.37	0.5	1.4	0.4	2.4	62.0	3643	3567

1.0 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELDED BRAIDED ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	1	7	0.43	0.5	1.0	0.2	1.1	13.0	210	203
2 P	1	7	0.43	0.5	1.0	0.2	1.2	18.0	333	322
3 P	1	7	0.43	0.5	1.0	0.2	1.2	19.0	378	367
4 P	1	7	0.43	0.5	1.0	0.3	1.3	21.0	501	483
5 P	1	7	0.43	0.5	1.0	0.3	1.3	23.0	572	552
6 P	1	7	0.43	0.5	1.0	0.3	1.4	23.5	627	606
7 P	1	7	0.43	0.5	1.0	0.3	1.4	23.5	658	637
8 P	1	7	0.43	0.5	1.0	0.3	1.5	26.0	742	719
9 P	1	7	0.43	0.5	1.0	0.3	1.5	2.07	801	778
10 P	1	7	0.43	0.5	1.0	0.3	1.5	28.5	866	840
11 P	1	7	0.43	0.5	1.0	0.3	1.5	29.0	905	880
12 P	1	7	0.43	0.5	1.0	0.3	1.6	30.0	963	937
13 P	1	7	0.43	0.5	1.0	0.3	1.6	30.0	1001	975
14 P	1	7	0.43	0.5	1.0	0.3	1.6	31.0	1055	1027
15 P	1	7	0.43	0.5	1.0	0.3	1.7	32.0	1114	1086
16 P	1	7	0.43	0.5	1.0	0.3	1.7	33.0	1172	1143
17 P	1	7	0.43	0.5	1.0	0.3	1.7	33.5	1213	1183
18 P	1	7	0.43	0.5	1.0	0.3	1.7	34.0	1251	1220
19 P	1	7	0.43	0.5	1.0	0.3	1.7	34.5	1295	1265
20 P	1	7	0.43	0.5	1.0	0.3	1.8	35.5	1366	1334
21 P	1	7	0.43	0.5	1.0	0.3	1.8	36.0	1411	1378
22 P	1	7	0.43	0.5	1.0	0.3	1.8	37.0	1458	1425
23 P	1	7	0.43	0.5	1.0	0.3	1.8	37.5	1503	1469
24 P	1	7	0.43	0.5	1.0	0.3	1.9	38.5	1566	1532
25 P	1	7	0.43	0.5	1.0	0.3	1.9	39.0	1611	1576
26 P	1	7	0.43	0.5	1.0	0.3	1.9	39.5	1657	1621
27 P	1	7	0.43	0.5	1.2	0.3	1.9	40.5	1741	1704
28 P	1	7	0.43	0.5	1.2	0.3	1.9	41.0	1787	1750
29 P	1	7	0.43	0.5	1.2	0.3	1.9	41.5	1830	1793
30 P	1	7	0.43	0.5	1.2	0.3	1.9	42.0	1876	1838
31 P	1	7	0.43	0.5	1.2	0.3	2.0	43.0	1939	1901
32 P	1	7	0.43	0.5	1.2	0.3	2.0	43.5	1986	1946
33 P	1	7	0.43	0.5	1.2	0.3	2.0	44.0	2029	1989
34 P	1	7	0.43	0.5	1.2	0.3	2.0	44.5	2073	2032
35 P	1	7	0.43	0.5	1.2	0.3	2.0	45.0	2117	2076
36 P	1	7	0.43	0.5	1.2	0.3	2.0	45.5	2160	2119
37 P	1	7	0.43	0.5	1.2	0.3	2.0	46.0	2204	2162
38 P	1	7	0.43	0.5	1.2	0.4	2.1	47.0	2401	2344
39 P	1	7	0.43	0.5	1.2	0.4	2.1	47.5	2447	2389

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
40 P	1	7	0.43	0.5	1.2	0.4	2.1	48.0	2492	2433
41 P	1	7	0.43	0.5	1.2	0.4	2.2	49.0	2560	2500
42 P	1	7	0.43	0.5	1.2	0.4	2.2	49.5	2602	2542
43 P	1	7	0.43	0.5	1.2	0.4	2.2	50.0	2648	2587
44 P	1	7	0.43	0.5	1.2	0.4	2.2	50.0	2690	2629
45 P	1	7	0.43	0.5	1.2	0.4	2.2	50.5	2736	2674
46 P	1	7	0.43	0.5	1.2	0.4	2.2	51.0	2779	2716
47 P	1	7	0.43	0.5	1.2	0.4	2.2	51.5	2824	2761
48 P	1	7	0.43	0.5	1.2	0.4	2.2	52.0	2867	2803
50 P	1	7	0.43	0.5	1.2	0.4	2.3	53.0	2979	2915

1.0 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELDED BRAIDED ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	1	7	0.43	0.5	1.0	0.2	1.1	13.5	234	227
2 T	1	7	0.43	0.5	1.0	0.3	1.3	20.5	464	446
3 T	1	7	0.43	0.5	1.0	0.3	1.3	21.5	531	513
4 T	1	7	0.43	0.5	1.0	0.3	1.3	23.5	614	593
5 T	1	7	0.43	0.5	1.0	0.3	1.4	25.5	710	688
6 T	1	7	0.43	0.5	1.0	0.3	1.5	27.5	813	788
7 T	1	7	0.43	0.5	1.0	0.3	1.5	27.5	859	835
8 T	1	7	0.43	0.5	1.0	0.3	1.5	30.5	970	942
9 T	1	7	0.43	0.5	1.0	0.3	1.6	33.0	1080	1050
10 T	1	7	0.43	0.5	1.0	0.3	1.6	31.0	1083	1056
11 T	1	7	0.43	0.5	1.0	0.3	1.6	32.5	1159	1130
12 T	1	7	0.43	0.5	1.0	0.3	1.7	32.5	1221	1192
13 T	1	7	0.43	0.5	1.0	0.3	1.7	37.0	1373	1339
14 T	1	7	0.43	0.5	1.0	0.3	1.7	37.0	1420	1386
15 T	1	7	0.43	0.5	1.0	0.3	1.8	39.0	1528	1492
16 T	1	7	0.43	0.5	1.0	0.3	1.8	39.0	1574	1539
17 T	1	7	0.43	0.5	1.0	0.3	1.8	41.0	1665	1628
18 T	1	7	0.43	0.5	1.0	0.3	1.8	41.0	1712	1674
19 T	1	7	0.43	0.5	1.0	0.3	1.8	41.0	1758	1721
20 T	1	7	0.43	0.5	1.0	0.3	1.9	43.5	1877	1837

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
21 T	1	7	0.43	0.5	1.0	0.3	1.9	43.5	1923	1883
22 T	1	7	0.43	0.5	1.2	0.3	2.0	46.5	2087	2045
23 T	1	7	0.43	0.5	1.2	0.3	2.0	46.5	2134	2092
24 T	1	7	0.43	0.5	1.2	0.3	2.0	48.5	2234	2189
25 T	1	7	0.43	0.5	1.2	0.3	2.0	48.5	2280	2236
26 T	1	7	0.43	0.5	1.2	0.3	2.0	48.5	2327	2282
27 T	1	7	0.43	0.5	1.2	0.3	2.0	49.5	2399	2353
28 T	1	7	0.43	0.5	1.2	0.4	2.1	52.0	2657	2594
29 T	1	7	0.43	0.5	1.2	0.4	2.1	52.0	2704	2640
30 T	1	7	0.43	0.5	1.2	0.4	2.1	52.0	2750	2687
31 T	1	7	0.43	0.5	1.2	0.4	2.2	54.0	2873	2807
32 T	1	7	0.43	0.5	1.2	0.4	2.2	54.0	2919	2853
33 T	1	7	0.43	0.5	1.2	0.4	2.2	54.0	2966	2900
34 T	1	7	0.43	0.5	1.2	0.4	2.2	56.0	3071	3002
35 T	1	7	0.43	0.5	1.2	0.4	2.2	56.0	3117	3049
36 T	1	7	0.43	0.5	1.2	0.4	2.2	56.0	3164	3095
37 T	1	7	0.43	0.5	1.2	0.4	2.2	56.0	3210	3142
38 T	1	7	0.43	0.5	1.2	0.4	2.3	58.0	3345	3273
39 T	1	7	0.43	0.5	1.2	0.4	2.3	58.0	3391	3319
40 T	1	7	0.43	0.5	1.2	0.4	2.3	58.0	3437	3366
41 T	1	7	0.43	0.5	1.4	0.4	2.4	61.0	3635	3560
42 T	1	7	0.43	0.5	1.4	0.4	2.4	61.0	3682	3607
43 T	1	7	0.43	0.5	1.4	0.4	2.4	61.0	3728	3653
44 T	1	7	0.43	0.5	1.4	0.4	2.4	63.0	3843	3765
45 T	1	7	0.43	0.5	1.4	0.4	2.4	63.0	3890	3811
46 T	1	7	0.43	0.5	1.4	0.4	2.4	63.0	3936	3858
47 T	1	7	0.43	0.5	1.4	0.4	2.4	63.0	3982	3904
48 T	1	7	0.43	0.5	1.4	0.4	2.4	64.0	4057	3977
50 T	1	7	0.43	0.5	1.4	0.4	2.5	65.5	4220	4139

1.5 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELDED, BRAIDED ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	1.5	7	0.53	0.6	1.0	0.2	1.1	14.0	240	233
2 P	1.5	7	0.53	0.6	1.0	0.3	1.3	20.5	455	437
3 P	1.5	7	0.53	0.6	1.0	0.3	1.3	21.5	520	501

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
4 P	1.5	7	0.53	0.6	1.0	0.3	1.4	23.5	609	588
5 P	1.5	7	0.53	0.6	1.0	0.3	1.4	25.5	700	678
6 P	1.5	7	0.53	0.6	1.0	0.3	1.5	26.5	772	748
7 P	1.5	7	0.53	0.6	1.0	0.3	1.5	26.5	816	793
8 P	1.5	7	0.53	0.6	1.0	0.3	1.6	29.0	922	896
9 P	1.5	7	0.53	0.6	1.0	0.3	1.6	30.5	1000	973
10 P	1.5	7	0.53	0.6	1.0	0.3	1.7	32.5	1099	1071
11 P	1.5	7	0.53	0.6	1.0	0.3	1.7	32.5	1153	1123
12 P	1.5	7	0.53	0.6	1.0	0.3	1.7	33.5	1213	1183
13 P	1.5	7	0.53	0.6	1.0	0.3	1.8	34.0	1281	1251
14 P	1.5	7	0.53	0.6	1.0	0.3	1.8	35.0	1351	1320
15 P	1.5	7	0.53	0.6	1.0	0.3	1.8	36.0	1412	1380
16 P	1.5	7	0.53	0.6	1.0	0.3	1.8	37.0	1489	1456
17 P	1.5	7	0.53	0.6	1.0	0.3	1.9	38.0	1560	1526
18 P	1.5	7	0.53	0.6	1.0	0.3	1.9	38.0	1614	1579
19 P	1.5	7	0.53	0.6	1.0	0.3	1.9	39.0	1675	1640
20 P	1.5	7	0.53	0.6	1.2	0.3	1.9	40.5	1784	1747
21 P	1.5	7	0.53	0.6	1.2	0.3	1.9	41.0	1848	1810
22 P	1.5	7	0.53	0.6	1.2	0.3	2.0	42.0	1928	1890
23 P	1.5	7	0.53	0.6	1.2	0.3	2.0	43.0	1990	1952
24 P	1.5	7	0.53	0.6	1.2	0.4	2.1	44.5	2199	2145
25 P	1.5	7	0.53	0.6	1.2	0.4	2.1	45.0	2263	2208
26 P	1.5	7	0.53	0.6	1.2	0.4	2.1	45.5	2327	2272
27 P	1.5	7	0.53	0.6	1.2	0.4	2.1	46.5	2388	2332
28 P	1.5	7	0.53	0.6	1.2	0.4	2.2	47.0	2474	2417
29 P	1.5	7	0.53	0.6	1.2	0.4	2.2	48.0	2536	2478
30 P	1.5	7	0.53	0.6	1.2	0.4	2.2	48.5	2600	2541
31 P	1.5	7	0.53	0.6	1.2	0.4	2.2	49.0	2662	2602
32 P	1.5	7	0.53	0.6	1.2	0.4	2.2	49.5	2723	2663
33 P	1.5	7	0.53	0.6	1.2	0.4	2.2	50.5	2785	2724
34 P	1.5	7	0.53	0.6	1.2	0.4	2.3	51.0	2873	2811
35 P	1.5	7	0.53	0.6	1.2	0.4	2.3	51.5	2932	2869
36 P	1.5	7	0.53	0.6	1.2	0.4	2.3	52.5	2994	2930
37 P	1.5	7	0.53	0.6	1.2	0.4	2.3	53.0	3056	2991
38 P	1.5	7	0.53	0.6	1.4	0.4	2.4	54.0	3194	3128
39 P	1.5	7	0.53	0.6	1.4	0.4	2.4	54.5	3254	3187
40 P	1.5	7	0.53	0.6	1.4	0.4	2.4	55.0	3317	3249
41 P	1.5	7	0.53	0.6	1.4	0.4	2.4	55.5	3376	3308
42 P	1.5	7	0.53	0.6	1.4	0.4	2.4	56.5	3439	3370
43 P	1.5	7	0.53	0.6	1.4	0.4	2.4	57.0	3499	3429
44 P	1.5	7	0.53	0.6	1.4	0.4	2.5	57.5	3584	3514
45 P	1.5	7	0.53	0.6	1.4	0.4	2.5	58.0	3647	3576
46 P	1.5	7	0.53	0.6	1.4	0.4	2.5	58.5	3707	3636
47 P	1.5	7	0.53	0.6	1.4	0.4	2.5	59.0	3767	3695
48 P	1.5	7	0.53	0.6	1.4	0.4	2.5	59.5	3827	3754
50 P	1.5	7	0.53	0.6	1.4	0.4	2.6	61.0	3974	3900

1.5 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELDED, BRAIDED ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	1.5	7	0.53	0.6	1.0	0.2	1.1	14.5	273	265
2 T	1.5	7	0.53	0.6	1.0	0.3	1.3	22.5	545	526
3 T	1.5	7	0.53	0.6	1.0	0.3	1.4	24.0	648	627
4 T	1.5	7	0.53	0.6	1.0	0.3	1.4	26.0	757	734
5 T	1.5	7	0.53	0.6	1.0	0.3	1.5	28.5	882	857
6 T	1.5	7	0.53	0.6	1.0	0.3	1.6	31.0	1011	983
7 T	1.5	7	0.53	0.6	1.0	0.3	1.6	31.0	1077	1050
8 T	1.5	7	0.53	0.6	1.0	0.3	1.7	34.5	1236	1205
9 T	1.5	7	0.53	0.6	1.0	0.3	1.8	37.0	1379	1345
10 T	1.5	7	0.53	0.6	1.0	0.3	1.8	35.0	1393	1362
11 T	1.5	7	0.53	0.6	1.0	0.3	1.8	36.5	1495	1462
12 T	1.5	7	0.53	0.6	1.0	0.3	1.8	36.5	1561	1528
13 T	1.5	7	0.53	0.6	1.0	0.3	1.9	42.0	1771	1733
14 T	1.5	7	0.53	0.6	1.0	0.3	1.9	42.0	1837	1799
15 T	1.5	7	0.53	0.6	1.2	0.3	2.0	45.0	2019	1978
16 T	1.5	7	0.53	0.6	1.2	0.3	2.0	45.0	2085	2044
17 T	1.5	7	0.53	0.6	1.2	0.3	2.0	47.0	2210	2167
18 T	1.5	7	0.53	0.6	1.2	0.3	2.0	47.0	2276	2233
19 T	1.5	7	0.53	0.6	1.2	0.3	2.0	47.0	2342	2299
20 T	1.5	7	0.53	0.6	1.2	0.4	2.1	50.0	2633	2571
21 T	1.5	7	0.53	0.6	1.2	0.4	2.1	50.0	2699	2637
22 T	1.5	7	0.53	0.6	1.2	0.4	2.2	53.0	2864	2799
23 T	1.5	7	0.53	0.6	1.2	0.4	2.2	53.0	2930	2865
24 T	1.5	7	0.53	0.6	1.2	0.4	2.3	55.5	3095	3026
25 T	1.5	7	0.53	0.6	1.2	0.4	2.3	55.5	3161	3092
26 T	1.5	7	0.53	0.6	1.2	0.4	2.3	55.5	3227	3158
27 T	1.5	7	0.53	0.6	1.2	0.4	2.3	57.0	3325	3256
28 T	1.5	7	0.53	0.6	1.4	0.4	2.4	59.5	3532	3459
29 T	1.5	7	0.53	0.6	1.4	0.4	2.4	59.5	3598	3525
30 T	1.5	7	0.53	0.6	1.4	0.4	2.4	59.5	3664	3591
31 T	1.5	7	0.53	0.6	1.4	0.4	2.4	61.5	3799	3723
32 T	1.5	7	0.53	0.6	1.4	0.4	2.4	61.5	3865	3789
33 T	1.5	7	0.53	0.6	1.4	0.4	2.4	61.5	3931	3855
34 T	1.5	7	0.53	0.6	1.4	0.4	2.5	64.0	4098	4019
35 T	1.5	7	0.53	0.6	1.4	0.4	2.5	64.0	4164	4085
36 T	1.5	7	0.53	0.6	1.4	0.4	2.5	64.0	4230	4151
37 T	1.5	7	0.53	0.6	1.4	0.4	2.5	64.0	4296	4217
38 T	1.5	7	0.53	0.6	1.4	0.4	2.6	66.5	4472	4389
39 T	1.5	7	0.53	0.6	1.4	0.4	2.6	66.5	4538	4455
40 T	1.5	7	0.53	0.6	1.4	0.4	2.6	66.5	4604	4521
41 T	1.5	7	0.53	0.6	1.4	0.4	2.7	69.5	4782	4696
42 T	1.5	7	0.53	0.6	1.4	0.4	2.7	69.5	4848	4762
43 T	1.5	7	0.53	0.6	1.4	0.4	2.7	69.5	4914	4828

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
44 T	1.5	7	0.53	0.6	1.6	0.4	2.7	72.5	5130	5040
45 T	1.5	7	0.53	0.6	1.6	0.4	2.7	72.5	5196	5106
46 T	1.5	7	0.53	0.6	1.6	0.4	2.7	72.5	5262	5172
47 T	1.5	7	0.53	0.6	1.6	0.4	2.7	72.5	5328	5239
48 T	1.5	7	0.53	0.6	1.6	0.4	2.8	73.5	5465	5374
50 T	1.5	7	0.53	0.6	1.6	0.4	2.8	75.0	5648	5554

2.5 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELDED, BRAIDED ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	2.5	7	0.67	0.6	1.0	0.2	1.1	15.0	275	267
2 P	2.5	7	0.67	0.6	1.0	0.3	1.3	22.0	524	505
3 P	2.5	7	0.67	0.6	1.0	0.3	1.4	23.0	620	600
4 P	2.5	7	0.67	0.6	1.0	0.3	1.4	25.0	722	700
5 P	2.5	7	0.67	0.6	1.0	0.3	1.5	27.5	849	825
6 P	2.5	7	0.67	0.6	1.0	0.3	1.6	28.5	943	918
7 P	2.5	7	0.67	0.6	1.0	0.3	1.6	28.5	1005	980
8 P	2.5	7	0.67	0.6	1.0	0.3	1.7	31.0	1136	1109
9 P	2.5	7	0.67	0.6	1.0	0.3	1.7	33.0	1238	1209
10 P	2.5	7	0.67	0.6	1.0	0.3	1.8	35.0	1363	1332
11 P	2.5	7	0.67	0.6	1.0	0.3	1.8	35.5	1436	1404
12 P	2.5	7	0.67	0.6	1.0	0.3	1.8	36.5	1517	1484
13 P	2.5	7	0.67	0.6	1.0	0.3	1.9	37.0	1606	1573
14 P	2.5	7	0.67	0.6	1.0	0.3	1.9	38.0	1697	1663
15 P	2.5	7	0.67	0.6	1.2	0.3	1.9	39.5	1817	1782
16 P	2.5	7	0.67	0.6	1.2	0.3	1.9	41.0	1922	1885
17 P	2.5	7	0.67	0.6	1.2	0.3	2.0	41.5	2014	1976
18 P	2.5	7	0.67	0.6	1.2	0.3	2.0	42.0	2087	2049
19 P	2.5	7	0.67	0.6	1.2	0.3	2.0	43.0	2170	2131
20 P	2.5	7	0.67	0.6	1.2	0.4	2.1	44.5	2408	2354
21 P	2.5	7	0.67	0.6	1.2	0.4	2.1	45.5	2497	2442
22 P	2.5	7	0.67	0.6	1.2	0.4	2.2	46.5	2603	2547
23 P	2.5	7	0.67	0.6	1.2	0.4	2.2	47.5	2690	2632
24 P	2.5	7	0.67	0.6	1.2	0.4	2.3	48.5	2798	2739
25 P	2.5	7	0.67	0.6	1.2	0.4	2.3	49.0	2884	2825
26 P	2.5	7	0.67	0.6	1.2	0.4	2.3	50.0	2968	2907

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
27 P	2.5	7	0.67	0.6	1.2	0.4	2.3	50.5	3054	2993
28 P	2.5	7	0.67	0.6	1.4	0.4	2.3	52.0	3188	3125
29 P	2.5	7	0.67	0.6	1.4	0.4	2.3	52.5	3272	3208
30 P	2.5	7	0.67	0.6	1.4	0.4	2.3	53.5	3359	3294
31 P	2.5	7	0.67	0.6	1.4	0.4	2.4	54.0	3468	3402
32 P	2.5	7	0.67	0.6	1.4	0.4	2.4	55.0	3549	3482
33 P	2.5	7	0.67	0.6	1.4	0.4	2.4	55.5	3634	3566
34 P	2.5	7	0.67	0.6	1.4	0.4	2.5	56.5	3744	3675
35 P	2.5	7	0.67	0.6	1.4	0.4	2.5	57.0	3825	3756
36 P	2.5	7	0.67	0.6	1.4	0.4	2.5	57.5	3910	3840
37 P	2.5	7	0.67	0.6	1.4	0.4	2.5	58.5	3992	3920
38 P	2.5	7	0.67	0.6	1.4	0.4	2.6	59.0	4100	4028
39 P	2.5	7	0.67	0.6	1.4	0.4	2.6	60.0	4185	4112
40 P	2.5	7	0.67	0.6	1.4	0.4	2.6	60.5	4267	4193
41 P	2.5	7	0.67	0.6	1.4	0.4	2.6	61.0	4349	4275
42 P	2.5	7	0.67	0.6	1.4	0.4	2.6	61.5	4431	4356
43 P	2.5	7	0.67	0.6	1.4	0.4	2.6	62.0	4513	4437
44 P	2.5	7	0.67	0.6	1.4	0.4	2.7	63.0	4624	4547
45 P	2.5	7	0.67	0.6	1.4	0.4	2.7	63.5	4706	4628
46 P	2.5	7	0.67	0.6	1.4	0.4	2.7	64.0	4785	4706
47 P	2.5	7	0.67	0.6	1.4	0.4	2.7	64.5	4867	4787
48 P	2.5	7	0.67	0.6	1.6	0.4	2.7	65.5	5009	4928
50 P	2.5	7	0.67	0.6	1.6	0.4	2.8	67.0	5205	5122

2.5 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELDED, BRAIDED ARMOURED CABLE

Standard Specification : IEC : 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	2.5	7	0.67	0.6	1.0	0.2	1.2	16.0	326	317
2 T	2.5	7	0.67	0.6	1.0	0.3	1.4	24.5	650	629
3 T	2.5	7	0.67	0.6	1.0	0.3	1.4	26.0	773	750
4 T	2.5	7	0.67	0.6	1.0	0.3	1.5	28.5	927	902
5 T	2.5	7	0.67	0.6	1.0	0.3	1.6	31.0	1086	1059
6 T	2.5	7	0.67	0.6	1.0	0.3	1.7	33.5	1252	1222
7 T	2.5	7	0.67	0.6	1.0	0.3	1.7	33.5	1346	1316
8 T	2.5	7	0.67	0.6	1.0	0.3	1.8	37.5	1543	1509
9 T	2.5	7	0.67	0.6	1.0	0.3	1.9	40.5	1726	1689
10 T	2.5	7	0.67	0.6	1.2	0.3	1.9	38.5	1797	1763

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
11 T	2.5	7	0.67	0.6	1.2	0.3	1.9	40.0	1931	1895
12 T	2.5	7	0.67	0.6	1.2	0.3	1.9	40.0	2025	1989
13 T	2.5	7	0.67	0.6	1.2	0.3	2.0	46.0	2287	2245
14 T	2.5	7	0.67	0.6	1.2	0.3	2.0	46.0	2381	2339
15 T	2.5	7	0.67	0.6	1.2	0.4	2.1	49.5	2700	2639
16 T	2.5	7	0.67	0.6	1.2	0.4	2.1	49.5	2794	2733
17 T	2.5	7	0.67	0.6	1.2	0.4	2.2	52.0	2984	2920
18 T	2.5	7	0.67	0.6	1.2	0.4	2.2	52.0	3078	3014
19 T	2.5	7	0.67	0.6	1.2	0.4	2.2	52.0	3172	3108
20 T	2.5	7	0.67	0.6	1.2	0.4	2.3	55.0	3370	3302
21 T	2.5	7	0.67	0.6	1.2	0.4	2.3	55.0	3464	3396
22 T	2.5	7	0.67	0.6	1.4	0.4	2.4	58.5	3724	3652
23 T	2.5	7	0.67	0.6	1.4	0.4	2.4	58.5	3818	3746
24 T	2.5	7	0.67	0.6	1.4	0.4	2.4	61.0	3998	3923
25 T	2.5	7	0.67	0.6	1.4	0.4	2.4	61.0	4093	4017
26 T	2.5	7	0.67	0.6	1.4	0.4	2.4	61.0	4187	4111
27 T	2.5	7	0.67	0.6	1.4	0.4	2.5	62.5	4347	4269
28 T	2.5	7	0.67	0.6	1.4	0.4	2.6	65.0	4540	4460
29 T	2.5	7	0.67	0.6	1.4	0.4	2.6	65.0	4634	4554
30 T	2.5	7	0.67	0.6	1.4	0.4	2.6	65.0	4728	4648
31 T	2.5	7	0.67	0.6	1.4	0.4	2.6	67.5	4899	4815
32 T	2.5	7	0.67	0.6	1.4	0.4	2.6	67.5	4993	4909
33 T	2.5	7	0.67	0.6	1.4	0.4	2.6	67.5	5087	5003
34 T	2.5	7	0.67	0.6	1.4	0.4	2.7	70.0	5293	5206
35 T	2.5	7	0.67	0.6	1.4	0.4	2.7	70.0	5387	5300
36 T	2.5	7	0.67	0.6	1.4	0.4	2.7	70.0	5481	5394
37 T	2.5	7	0.67	0.6	1.4	0.4	2.7	70.0	5575	5488
38 T	2.5	7	0.67	0.6	1.6	0.4	2.8	73.5	5863	5772
39 T	2.5	7	0.67	0.6	1.6	0.4	2.8	73.5	5957	5866
40 T	2.5	7	0.67	0.6	1.6	0.4	2.8	73.5	6051	5960
41 T	2.5	7	0.67	0.6	1.6	0.4	2.9	76.5	6275	6180
42 T	2.5	7	0.67	0.6	1.6	0.4	2.9	76.5	6369	6274
43 T	2.5	7	0.67	0.6	1.6	0.4	2.9	76.5	6463	6368
44 T	2.5	7	0.67	0.6	1.6	0.4	3.0	79.5	6686	6587
45 T	2.5	7	0.67	0.6	1.6	0.4	3.0	79.5	6780	6682
46 T	2.5	7	0.67	0.6	1.6	0.4	3.0	79.5	6874	6776
47 T	2.5	7	0.67	0.6	1.6	0.4	3.0	79.5	6968	6870
48 T	2.5	7	0.67	0.6	1.6	0.4	3.0	80.5	7107	7007
50 T	2.5	7	0.67	0.6	1.6	0.4	3.0	82.5	7355	7252

FIRE RESISTANT INSTRUMENTATION CONTROL CABLES OVERALL SHEILDED

RATED OPERATING VOLTAGE : 150/250 V (300 V)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 376

CABLE OVERALL SCREENED

1. CONDUCTOR MATERIAL : Stranded, annealed, tinned or untinned copper class 2 as per IEC 60228

2. HEAT BARRIER: Mica tape

3. INSULATION MATERIAL : Extruded XLPE Insulation

4. OVERALL SHEILDING : Overall shielded with lapped Mylar backed Aluminium tape provided with a stranded, tinned copper drain wire under the shielding tape

5. INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional- other polymeric compounds

6. ARMOUR / BRAIDING MATERIAL : Annealed Tinned Copper Wire, Optional GI wire, SS wire or Bronze wire

7. OUTER SHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional- other polymeric compounds



0.5 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELDED BRAIDED ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
2 C	0.5	7	0.30	0.4	1.0	0.2	1.0	11.5	171	164
3 C	0.5	7	0.30	0.4	1.0	0.2	1.0	12.0	186	180
4 C	0.5	7	0.30	0.4	1.0	0.2	1.1	13.0	213	206
5 C	0.5	7	0.30	0.4	1.0	0.2	1.1	13.5	234	226
6 C	0.5	7	0.30	0.4	1.0	0.2	1.1	14.5	257	249
7 C	0.5	7	0.30	0.4	1.0	0.2	1.1	14.5	265	258
8 C	0.5	7	0.30	0.4	1.0	0.2	1.1	15.5	293	285
9 C	0.5	7	0.30	0.4	1.0	0.2	1.2	16.5	326	316
10 C	0.5	7	0.30	0.4	1.0	0.2	1.2	16.0	322	313
11 C	0.5	7	0.30	0.4	1.0	0.2	1.2	16.0	331	322
12 C	0.5	7	0.30	0.4	1.0	0.2	1.2	16.5	349	339
13 C	0.5	7	0.30	0.4	1.0	0.2	1.2	18.5	390	379
14 C	0.5	7	0.30	0.4	1.0	0.2	1.2	18.5	399	388
15 C	0.5	7	0.30	0.4	1.0	0.3	1.3	19.5	483	466
16 C	0.5	7	0.30	0.4	1.0	0.3	1.3	19.5	492	475
17 C	0.5	7	0.30	0.4	1.0	0.3	1.3	20.5	517	500

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
18 C	0.5	7	0.30	0.4	1.0	0.3	1.3	20.5	526	509
19 C	0.5	7	0.30	0.4	1.0	0.3	1.3	20.5	535	518
20 C	0.5	7	0.30	0.4	1.0	0.3	1.3	21.5	561	543
21 C	0.5	7	0.30	0.4	1.0	0.3	1.3	21.5	570	552
22 C	0.5	7	0.30	0.4	1.0	0.3	1.3	22.0	598	579
23 C	0.5	7	0.30	0.4	1.0	0.3	1.3	22.0	607	588
24 C	0.5	7	0.30	0.4	1.0	0.3	1.4	23.5	645	625
25 C	0.5	7	0.30	0.4	1.0	0.3	1.4	23.5	654	634
26 C	0.5	7	0.30	0.4	1.0	0.3	1.4	23.5	663	643
27 C	0.5	7	0.30	0.4	1.0	0.3	1.4	23.5	679	658
28 C	0.5	7	0.30	0.4	1.0	0.3	1.4	24.5	703	682
29 C	0.5	7	0.30	0.4	1.0	0.3	1.4	24.5	712	690
30 C	0.5	7	0.30	0.4	1.0	0.3	1.4	24.5	720	699
31 C	0.5	7	0.30	0.4	1.0	0.3	1.4	25.0	747	725
32 C	0.5	7	0.30	0.4	1.0	0.3	1.4	25.0	756	734
33 C	0.5	7	0.30	0.4	1.0	0.3	1.4	25.0	764	742
34 C	0.5	7	0.30	0.4	1.0	0.3	1.5	26.0	800	778
35 C	0.5	7	0.30	0.4	1.0	0.3	1.5	26.0	809	786
36 C	0.5	7	0.30	0.4	1.0	0.3	1.5	26.0	818	795
37 C	0.5	7	0.30	0.4	1.0	0.3	1.5	26.0	827	804
38 C	0.5	7	0.30	0.4	1.0	0.3	1.5	27.0	856	832
39 C	0.5	7	0.30	0.4	1.0	0.3	1.5	27.0	865	841
40 C	0.5	7	0.30	0.4	1.0	0.3	1.5	27.0	873	850
41 C	0.5	7	0.30	0.4	1.0	0.3	1.5	27.5	900	876
42 C	0.5	7	0.30	0.4	1.0	0.3	1.5	27.5	909	885
43 C	0.5	7	0.30	0.4	1.0	0.3	1.5	27.5	918	893
44 C	0.5	7	0.30	0.4	1.0	0.3	1.5	28.5	947	921
45 C	0.5	7	0.30	0.4	1.0	0.3	1.5	28.5	956	930
46 C	0.5	7	0.30	0.4	1.0	0.3	1.5	28.5	964	939
47 C	0.5	7	0.30	0.4	1.0	0.3	1.5	28.5	973	948
48 C	0.5	7	0.30	0.4	1.0	0.3	1.5	29.0	991	965
52 C	0.5	7	0.30	0.4	1.0	0.3	1.6	30.0	1054	1027
61 C	0.5	7	0.30	0.4	1.0	0.3	1.6	31.5	1167	1139

0.75 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELDED BRAIDED ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
2 C	0.75	7	0.37	0.5	1.0	0.2	1.1	12.5	197	190
3 C	0.75	7	0.37	0.5	1.0	0.2	1.1	13.0	218	211
4 C	0.75	7	0.37	0.5	1.0	0.2	1.1	14.0	245	237
5 C	0.75	7	0.37	0.5	1.0	0.2	1.1	15.0	271	263
6 C	0.75	7	0.37	0.5	1.0	0.2	1.2	16.0	307	298
7 C	0.75	7	0.37	0.5	1.0	0.2	1.2	16.0	319	310
8 C	0.75	7	0.37	0.5	1.0	0.2	1.2	17.0	355	345
9 C	0.75	7	0.37	0.5	1.0	0.2	1.2	18.0	385	375
10 C	0.75	7	0.37	0.5	1.0	0.3	1.3	18.0	441	426
11 C	0.75	7	0.37	0.5	1.0	0.3	1.3	18.0	454	438
12 C	0.75	7	0.37	0.5	1.0	0.3	1.3	18.5	479	463
13 C	0.75	7	0.37	0.5	1.0	0.3	1.3	21.0	536	518
14 C	0.75	7	0.37	0.5	1.0	0.3	1.3	21.0	548	531
15 C	0.75	7	0.37	0.5	1.0	0.3	1.3	21.5	578	560
16 C	0.75	7	0.37	0.5	1.0	0.3	1.3	21.5	591	572
17 C	0.75	7	0.37	0.5	1.0	0.3	1.4	22.5	632	613
18 C	0.75	7	0.37	0.5	1.0	0.3	1.4	22.5	645	626
19 C	0.75	7	0.37	0.5	1.0	0.3	1.4	22.5	658	638
20 C	0.75	7	0.37	0.5	1.0	0.3	1.4	23.5	692	671
21 C	0.75	7	0.37	0.5	1.0	0.3	1.4	23.5	704	684
22 C	0.75	7	0.37	0.5	1.0	0.3	1.4	24.5	739	717
23 C	0.75	7	0.37	0.5	1.0	0.3	1.4	24.5	751	730
24 C	0.75	7	0.37	0.5	1.0	0.3	1.5	26.0	797	775
25 C	0.75	7	0.37	0.5	1.0	0.3	1.5	26.0	810	787
26 C	0.75	7	0.37	0.5	1.0	0.3	1.5	26.0	822	800
27 C	0.75	7	0.37	0.5	1.0	0.3	1.5	26.5	844	821
28 C	0.75	7	0.37	0.5	1.0	0.3	1.5	27.0	874	850
29 C	0.75	7	0.37	0.5	1.0	0.3	1.5	27.0	887	863
30 C	0.75	7	0.37	0.5	1.0	0.3	1.5	27.0	899	875
31 C	0.75	7	0.37	0.5	1.0	0.3	1.5	28.0	929	905
32 C	0.75	7	0.37	0.5	1.0	0.3	1.5	28.0	942	917
33 C	0.75	7	0.37	0.5	1.0	0.3	1.5	28.0	954	930
34 C	0.75	7	0.37	0.5	1.0	0.3	1.6	29.0	1000	975
35 C	0.75	7	0.37	0.5	1.0	0.3	1.6	29.0	1013	987
36 C	0.75	7	0.37	0.5	1.0	0.3	1.6	29.0	1025	1000
37 C	0.75	7	0.37	0.5	1.0	0.3	1.6	29.0	1038	1012
38 C	0.75	7	0.37	0.5	1.0	0.3	1.6	30.0	1073	1046
39 C	0.75	7	0.37	0.5	1.0	0.3	1.6	30.0	1086	1059
40 C	0.75	7	0.37	0.5	1.0	0.3	1.6	30.0	1098	1072
41 C	0.75	7	0.37	0.5	1.0	0.3	1.6	31.0	1133	1106

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
42 C	0.75	7	0.37	0.5	1.0	0.3	1.6	31.0	1146	1118
43 C	0.75	7	0.37	0.5	1.0	0.3	1.6	31.0	1158	1131
44 C	0.75	7	0.37	0.5	1.0	0.3	1.7	32.0	1208	1180
45 C	0.75	7	0.37	0.5	1.0	0.3	1.7	32.0	1221	1192
46 C	0.75	7	0.37	0.5	1.0	0.3	1.7	32.0	1233	1205
47 C	0.75	7	0.37	0.5	1.0	0.3	1.7	32.0	1246	1217
48 C	0.75	7	0.37	0.5	1.0	0.3	1.7	32.5	1268	1239
52 C	0.75	7	0.37	0.5	1.0	0.3	1.7	33.5	1336	1306
61 C	0.75	7	0.37	0.5	1.0	0.3	1.8	35.5	1505	1473

1.0 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELDED BRAIDED ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
2 C	1	7	0.43	0.5	1.0	0.2	1.1	13.0	210	203
3 C	1	7	0.43	0.5	1.0	0.2	1.1	13.5	234	227
4 C	1	7	0.43	0.5	1.0	0.2	1.1	14.5	264	256
5 C	1	7	0.43	0.5	1.0	0.2	1.1	15.5	295	286
6 C	1	7	0.43	0.5	1.0	0.2	1.2	16.5	335	326
7 C	1	7	0.43	0.5	1.0	0.2	1.2	16.5	350	341
8 C	1	7	0.43	0.5	1.0	0.2	1.2	18.0	391	381
9 C	1	7	0.43	0.5	1.0	0.3	1.3	19.5	489	472
10 C	1	7	0.43	0.5	1.0	0.3	1.3	19.0	485	469
11 C	1	7	0.43	0.5	1.0	0.3	1.3	19.0	501	485
12 C	1	7	0.43	0.5	1.0	0.3	1.3	19.5	529	513
13 C	1	7	0.43	0.5	1.0	0.3	1.3	21.5	591	573
14 C	1	7	0.43	0.5	1.0	0.3	1.3	21.5	607	588
15 C	1	7	0.43	0.5	1.0	0.3	1.4	23.0	654	634
16 C	1	7	0.43	0.5	1.0	0.3	1.4	2.03	669	650
17 C	1	7	0.43	0.5	1.0	0.3	1.4	23.5	704	684
18 C	1	7	0.43	0.5	1.0	0.3	1.4	23.5	720	699
19 C	1	7	0.43	0.5	1.0	0.3	1.4	23.5	735	715
20 C	1	7	0.43	0.5	1.0	0.3	1.4	24.5	772	751
21 C	1	7	0.43	0.5	1.0	0.3	1.4	24.5	788	766
22 C	1	7	0.43	0.5	1.0	0.3	1.5	26.0	839	816
23 C	1	7	0.43	0.5	1.0	0.3	1.5	26.0	855	832

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
24 C	1	7	0.43	0.5	1.0	0.3	1.5	27.0	894	871
25 C	1	7	0.43	0.5	1.0	0.3	1.5	27.0	910	886
26 C	1	7	0.43	0.5	1.0	0.3	1.5	27.0	925	902
27 C	1	7	0.43	0.5	1.0	0.3	1.5	27.5	950	926
28 C	1	7	0.43	0.5	1.0	0.3	1.5	28.5	985	960
29 C	1	7	0.43	0.5	1.0	0.3	1.5	28.5	1001	975
30 C	1	7	0.43	0.5	1.0	0.3	1.5	28.5	1016	991
31 C	1	7	0.43	0.5	1.0	0.3	1.6	29.5	1065	1039
32 C	1	7	0.43	0.5	1.0	0.3	1.6	29.5	1081	1054
33 C	1	7	0.43	0.5	1.0	0.3	1.6	29.5	1096	1070
34 C	1	7	0.43	0.5	1.0	0.3	1.6	30.5	1132	1105
35 C	1	7	0.43	0.5	1.0	0.3	1.6	30.5	1147	1120
36 C	1	7	0.43	0.5	1.0	0.3	1.6	30.5	1163	1136
37 C	1	7	0.43	0.5	1.0	0.3	1.6	30.5	1178	1151
38 C	1	7	0.43	0.5	1.0	0.3	1.6	31.5	1219	1191
39 C	1	7	0.43	0.5	1.0	0.3	1.6	31.5	1234	1206
40 C	1	7	0.43	0.5	1.0	0.3	1.6	31.5	1250	1222
41 C	1	7	0.43	0.5	1.0	0.3	1.7	32.5	1303	1274
42 C	1	7	0.43	0.5	1.0	0.3	1.7	32.5	1318	1289
43 C	1	7	0.43	0.5	1.0	0.3	1.7	32.5	1334	1305
44 C	1	7	0.43	0.5	1.0	0.3	1.7	34.0	1375	1344
45 C	1	7	0.43	0.5	1.0	0.3	1.7	34.0	1390	1360
46 C	1	7	0.43	0.5	1.0	0.3	1.7	34.0	1405	1375
47 C	1	7	0.43	0.5	1.0	0.3	1.7	34.0	1421	1391
48 C	1	7	0.43	0.5	1.0	0.3	1.7	34.5	1448	1417
52 C	1	7	0.43	0.5	1.0	0.3	1.7	35.0	1528	1497
61 C	1	7	0.43	0.5	1.0	0.3	1.8	37.0	1726	1693

1.5 SQ MM, XLPE INSULATED, OVERALL ALMYLER SHIELDED BRAIDED ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
2 C	1.5	7	0.53	0.6	1.0	0.2	1.1	14.0	240	233
3 C	1.5	7	0.53	0.6	1.0	0.2	1.1	14.5	273	265
4 C	1.5	7	0.53	0.6	1.0	0.2	1.2	16.0	320	311

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
5 C	1.5	7	0.53	0.6	1.0	0.2	1.2	17.0	359	350
6 C	1.5	7	0.53	0.6	1.0	0.2	1.2	18.0	401	391
7 C	1.5	7	0.53	0.6	1.0	0.2	1.2	18.0	423	413
8 C	1.5	7	0.53	0.6	1.0	0.3	1.3	20.5	539	521
9 C	1.5	7	0.53	0.6	1.0	0.3	1.3	21.5	588	570
10 C	1.5	7	0.53	0.6	1.0	0.3	1.4	20.5	596	579
11 C	1.5	7	0.53	0.6	1.0	0.3	1.4	20.5	618	601
12 C	1.5	7	0.53	0.6	1.0	0.3	1.4	21.5	656	637
13 C	1.5	7	0.53	0.6	1.0	0.3	1.4	24.0	734	713
14 C	1.5	7	0.53	0.6	1.0	0.3	1.4	24.0	756	735
15 C	1.5	7	0.53	0.6	1.0	0.3	1.5	25.5	813	791
16 C	1.5	7	0.53	0.6	1.0	0.3	1.5	25.5	836	813
17 C	1.5	7	0.53	0.6	1.0	0.3	1.5	26.5	882	859
18 C	1.5	7	0.53	0.6	1.0	0.3	1.5	26.5	904	881
19 C	1.5	7	0.53	0.6	1.0	0.3	1.5	26.5	926	903
20 C	1.5	7	0.53	0.6	1.0	0.3	1.5	27.5	975	950
21 C	1.5	7	0.53	0.6	1.0	0.3	1.5	27.5	997	972
22 C	1.5	7	0.53	0.6	1.0	0.3	1.6	29.0	1061	1035
23 C	1.5	7	0.53	0.6	1.0	0.3	1.6	29.0	1083	1057
24 C	1.5	7	0.53	0.6	1.0	0.3	1.6	30.5	1132	1105
25 C	1.5	7	0.53	0.6	1.0	0.3	1.6	30.5	1154	1127
26 C	1.5	7	0.53	0.6	1.0	0.3	1.6	30.5	1176	1149
27 C	1.5	7	0.53	0.6	1.0	0.3	1.6	31.0	1209	1182
28 C	1.5	7	0.53	0.6	1.0	0.3	1.7	32.0	1269	1240
29 C	1.5	7	0.53	0.6	1.0	0.3	1.7	32.0	1291	1262
30 C	1.5	7	0.53	0.6	1.0	0.3	1.7	32.0	1313	1284
31 C	1.5	7	0.53	0.6	1.0	0.3	1.7	33.0	1358	1328
32 C	1.5	7	0.53	0.6	1.0	0.3	1.7	33.0	1380	1350
33 C	1.5	7	0.53	0.6	1.0	0.3	1.7	33.0	1402	1372
34 C	1.5	7	0.53	0.6	1.0	0.3	1.7	34.0	1449	1419
35 C	1.5	7	0.53	0.6	1.0	0.3	1.7	34.0	1471	1441
36 C	1.5	7	0.53	0.6	1.0	0.3	1.7	34.0	1494	1463
37 C	1.5	7	0.53	0.6	1.0	0.3	1.7	34.0	1516	1485
38 C	1.5	7	0.53	0.6	1.0	0.3	1.8	35.5	1581	1550
39 C	1.5	7	0.53	0.6	1.0	0.3	1.8	35.5	1603	1572
40 C	1.5	7	0.53	0.6	1.0	0.3	1.8	35.5	1625	1594
41 C	1.5	7	0.53	0.6	1.0	0.3	1.8	37.0	1678	1645
42 C	1.5	7	0.53	0.6	1.0	0.3	1.8	37.0	1700	1667
43 C	1.5	7	0.53	0.6	1.0	0.3	1.8	37.0	1722	1689
44 C	1.5	7	0.53	0.6	1.0	0.3	1.9	38.0	1790	1756
45 C	1.5	7	0.53	0.6	1.0	0.3	1.9	38.0	1812	1778
46 C	1.5	7	0.53	0.6	1.0	0.3	1.9	38.0	1834	1800
47 C	1.5	7	0.53	0.6	1.0	0.3	1.9	38.0	1856	1822
48 C	1.5	7	0.53	0.6	1.0	0.3	1.9	38.5	1890	1855
52 C	1.5	7	0.53	0.6	1.2	0.3	1.9	40.0	2041	2005
61 C	1.5	7	0.53	0.6	1.2	0.3	2.0	42.5	2311	2273

2.5 SQ MM XLPE INSULATED, OVERALL ALMYLER SHIELDED BRAIDED ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
2 C	2.5	7	0.67	0.6	1.0	0.2	1.1	15.0	275	267
3 C	2.5	7	0.67	0.6	1.0	0.2	1.2	16.0	326	317
4 C	2.5	7	0.67	0.6	1.0	0.2	1.2	17.0	375	366
5 C	2.5	7	0.67	0.6	1.0	0.2	1.2	18.0	428	418
6 C	2.5	7	0.67	0.6	1.0	0.3	1.3	20.0	544	527
7 C	2.5	7	0.67	0.6	1.0	0.3	1.3	20.0	575	558
8 C	2.5	7	0.67	0.6	1.0	0.3	1.4	22.0	655	636
9 C	2.5	7	0.67	0.6	1.0	0.3	1.4	23.5	716	696
10 C	2.5	7	0.67	0.6	1.0	0.3	1.4	22.0	722	703
11 C	2.5	7	0.67	0.6	1.0	0.3	1.4	22.0	753	734
12 C	2.5	7	0.67	0.6	1.0	0.3	1.5	23.0	812	792
13 C	2.5	7	0.67	0.6	1.0	0.3	1.5	26.0	908	885
14 C	2.5	7	0.67	0.6	1.0	0.3	1.5	26.0	939	917
15 C	2.5	7	0.67	0.6	1.0	0.3	1.5	27.0	997	973
16 C	2.5	7	0.67	0.6	1.0	0.3	1.5	27.0	1028	1004
17 C	2.5	7	0.67	0.6	1.0	0.3	1.6	28.5	1099	1074
18 C	2.5	7	0.67	0.6	1.0	0.3	1.6	28.5	1131	1106
19 C	2.5	7	0.67	0.6	1.0	0.3	1.6	28.5	1162	1137
20 C	2.5	7	0.67	0.6	1.0	0.3	1.6	30.0	1223	1196
21 C	2.5	7	0.67	0.6	1.0	0.3	1.6	30.0	1254	1228
22 C	2.5	7	0.67	0.6	1.0	0.3	1.7	31.5	1332	1304
23 C	2.5	7	0.67	0.6	1.0	0.3	1.7	31.5	1363	1335
24 C	2.5	7	0.67	0.6	1.0	0.3	1.7	33.0	1427	1397
25 C	2.5	7	0.67	0.6	1.0	0.3	1.7	33.0	1458	1429
26 C	2.5	7	0.67	0.6	1.0	0.3	1.7	33.0	1489	1460
27 C	2.5	7	0.67	0.6	1.0	0.3	1.7	33.5	1534	1505
28 C	2.5	7	0.67	0.6	1.0	0.3	1.8	34.5	1605	1574
29 C	2.5	7	0.67	0.6	1.0	0.3	1.8	34.5	1636	1605
30 C	2.5	7	0.67	0.6	1.0	0.3	1.8	34.5	1668	1637
31 C	2.5	7	0.67	0.6	1.0	0.3	1.8	36.0	1727	1695
32 C	2.5	7	0.67	0.6	1.0	0.3	1.8	36.0	1758	1726
33 C	2.5	7	0.67	0.6	1.0	0.3	1.8	36.0	1790	1758
34 C	2.5	7	0.67	0.6	1.0	0.3	1.8	37.0	1849	1816
35 C	2.5	7	0.67	0.6	1.0	0.3	1.8	37.0	1881	1847
36 C	2.5	7	0.67	0.6	1.0	0.3	1.8	37.0	1912	1879
37 C	2.5	7	0.67	0.6	1.0	0.3	1.8	37.0	1943	1910
38 C	2.5	7	0.67	0.6	1.0	0.3	1.9	38.5	2025	1991
39 C	2.5	7	0.67	0.6	1.0	0.3	1.9	38.5	2057	2022
40 C	2.5	7	0.67	0.6	1.0	0.3	1.9	38.5	2088	2053

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
41 C	2.5	7	0.67	0.6	1.2	0.3	1.9	40.5	2189	2153
42 C	2.5	7	0.67	0.6	1.2	0.3	1.9	40.5	2221	2184
43 C	2.5	7	0.67	0.6	1.2	0.3	1.9	40.5	2252	2216
44 C	2.5	7	0.67	0.6	1.2	0.3	2.0	42.0	2338	2300
45 C	2.5	7	0.67	0.6	1.2	0.3	2.0	42.0	2369	2331
46 C	2.5	7	0.67	0.6	1.2	0.3	2.0	42.0	2400	2362
47 C	2.5	7	0.67	0.6	1.2	0.3	2.0	42.0	2432	2394
48 C	2.5	7	0.67	0.6	1.2	0.3	2.0	42.5	2478	2440
52 C	2.5	7	0.67	0.6	1.2	0.3	2.0	43.5	2629	2589
61 C	2.5	7	0.67	0.6	1.2	0.4	2.1	46.5	3124	3067



FIRE RESISTANT INSTRUMENTATION CABLES OVERALL SHEILDED

RATED OPERATING VOLTAGE : 150/250 V (300 V)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 376

CABLE OVERALL SCREENED

1. CONDUCTOR MATERIAL : Stranded, annealed, tinned or untinned copper class 2 as per IEC 60228

2. HEAT BARRIER : Glass mica tape

3. INSULATION MATERIAL : Mica tape wrapped in double layer and extruded XLPE Insulation

4. INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional- other polymeric compounds

5. ARMOUR/ BRAIDING MATERIAL : Annealed Tinned Copper Wire, Optional GI wire, SS wire or Bronze wire

6. OUTER SHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional- other polymeric compounds



0.5 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC : 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	0.5	7	0.30	0.4	1.0	0.2	1.0	10.5	144	139
2 P	0.5	7	0.30	0.4	1.0	0.2	1.1	15.0	231	222
3 P	0.5	7	0.30	0.4	1.0	0.2	1.2	15.5	265	257
4 P	0.5	7	0.30	0.4	1.0	0.2	1.2	17.0	303	294
5 P	0.5	7	0.30	0.4	1.0	0.2	1.2	18.5	346	336
6 P	0.5	7	0.30	0.4	1.0	0.3	1.3	19.5	434	418
7 P	0.5	7	0.30	0.4	1.0	0.3	1.3	19.5	452	436
8 P	0.5	7	0.30	0.4	1.0	0.3	1.3	21.0	500	482
9 P	0.5	7	0.30	0.4	1.0	0.3	1.4	22.5	550	531
10 P	0.5	7	0.30	0.4	1.0	0.3	1.4	23.5	593	572
11 P	0.5	7	0.30	0.4	1.0	0.3	1.4	24.0	617	596
12 P	0.5	7	0.30	0.4	1.0	0.3	1.4	24.5	645	624
13 P	0.5	7	0.30	0.4	1.0	0.3	1.5	25.0	680	659
14 P	0.5	7	0.30	0.4	1.0	0.3	1.5	25.5	713	690
15 P	0.5	7	0.30	0.4	1.0	0.3	1.5	26.0	741	718
16 P	0.5	7	0.30	0.4	1.0	0.3	1.5	27.0	782	758
17 P	0.5	7	0.30	0.4	1.0	0.3	1.5	27.5	804	780
18 P	0.5	7	0.30	0.4	1.0	0.3	1.5	27.5	828	804
19 P	0.5	7	0.30	0.4	1.0	0.3	1.5	28.0	856	831
20 P	0.5	7	0.30	0.4	1.0	0.3	1.6	29.0	904	879

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
21 P	0.5	7	0.30	0.4	1.0	0.3	1.6	29.5	933	907
22 P	0.5	7	0.30	0.4	1.0	0.3	1.6	30.0	961	935
23 P	0.5	7	0.30	0.4	1.0	0.3	1.6	30.5	990	963
24 P	0.5	7	0.30	0.4	1.0	0.3	1.7	31.5	1033	1005
25 P	0.5	7	0.30	0.4	1.0	0.3	1.7	32.0	1062	1033
26 P	0.5	7	0.30	0.4	1.0	0.3	1.7	32.5	1090	1062
27 P	0.5	7	0.30	0.4	1.0	0.3	1.7	33.0	1119	1090
28 P	0.5	7	0.30	0.4	1.0	0.3	1.7	33.0	1146	1116
29 P	0.5	7	0.30	0.4	1.0	0.3	1.7	33.5	1174	1144
30 P	0.5	7	0.30	0.4	1.0	0.3	1.7	34.0	1201	1170
31 P	0.5	7	0.30	0.4	1.0	0.3	1.8	35.0	1246	1215
32 P	0.5	7	0.30	0.4	1.0	0.3	1.8	35.0	1272	1241
33 P	0.5	7	0.30	0.4	1.0	0.3	1.8	35.5	1299	1267
34 P	0.5	7	0.30	0.4	1.0	0.3	1.8	36.0	1328	1296
35 P	0.5	7	0.30	0.4	1.0	0.3	1.8	36.5	1355	1322
36 P	0.5	7	0.30	0.4	1.0	0.3	1.8	37.0	1382	1348
37 P	0.5	7	0.30	0.4	1.0	0.3	1.8	37.5	1408	1375
38 P	0.5	7	0.30	0.4	1.0	0.3	1.9	38.0	1453	1419
39 P	0.5	7	0.30	0.4	1.0	0.3	1.9	38.5	1479	1445
40 P	0.5	7	0.30	0.4	1.0	0.3	1.9	38.5	1507	1472
41 P	0.5	7	0.30	0.4	1.2	0.3	1.9	39.5	1571	1536
42 P	0.5	7	0.30	0.4	1.2	0.3	1.9	40.0	1596	1560
43 P	0.5	7	0.30	0.4	1.2	0.3	1.9	40.0	1624	1587
44 P	0.5	7	0.30	0.4	1.2	0.3	1.9	40.5	1651	1614
45 P	0.5	7	0.30	0.4	1.2	0.3	1.9	41.0	1676	1639
46 P	0.5	7	0.30	0.4	1.2	0.3	1.9	41.5	1703	1666
47 P	0.5	7	0.30	0.4	1.2	0.3	1.9	41.5	1731	1693
48 P	0.5	7	0.30	0.4	1.2	0.3	2.0	42.0	1775	1737
50 P	0.5	7	0.30	0.4	1.2	0.3	2.0	43.0	1827	1788

0.5 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	0.5	7	0.30	0.4	1.0	0.2	1.0	11.0	159	154
2 T	0.5	7	0.30	0.4	1.0	0.2	1.2	16.5	280	271
3 T	0.5	7	0.30	0.4	1.0	0.2	1.2	17.5	321	311
4 T	0.5	7	0.30	0.4	1.0	0.2	1.2	18.5	371	360

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
5 T	0.5	7	0.30	0.4	1.0	0.3	1.3	21.0	489	471
6 T	0.5	7	0.30	0.4	1.0	0.3	1.3	22.5	548	529
7 T	0.5	7	0.30	0.4	1.0	0.3	1.3	22.5	575	555
8 T	0.5	7	0.30	0.4	1.0	0.3	1.4	25.0	659	637
9 T	0.5	7	0.30	0.4	1.0	0.3	1.5	27.0	738	714
10 T	0.5	7	0.30	0.4	1.0	0.3	1.5	25.5	730	708
11 T	0.5	7	0.30	0.4	1.0	0.3	1.5	26.5	778	755
12 T	0.5	7	0.30	0.4	1.0	0.3	1.5	26.5	805	782
13 T	0.5	7	0.30	0.4	1.0	0.3	1.6	30.5	926	899
14 T	0.5	7	0.30	0.4	1.0	0.3	1.6	30.5	952	925
15 T	0.5	7	0.30	0.4	1.0	0.3	1.6	32.0	1011	983
16 T	0.5	7	0.30	0.4	1.0	0.3	1.6	32.0	1038	1009
17 T	0.5	7	0.30	0.4	1.0	0.3	1.6	33.5	1099	1069
18 T	0.5	7	0.30	0.4	1.0	0.3	1.6	33.5	1126	1095
19 T	0.5	7	0.30	0.4	1.0	0.3	1.6	33.5	1,152	1,122
20 T	0.5	7	0.30	0.4	1.0	0.3	1.7	35.5	1,232	1,200
21 T	0.5	7	0.30	0.4	1.0	0.3	1.7	35.5	1,258	1,226
22 T	0.5	7	0.30	0.4	1.0	0.3	1.7	37.5	1,325	1,291
23 T	0.5	7	0.30	0.4	1.0	0.3	1.7	37.5	1,351	1,318
24 T	0.5	7	0.30	0.4	1.0	0.3	1.8	39.0	1,433	1,398
25 T	0.5	7	0.30	0.4	1.0	0.3	1.8	39.0	1,460	1,425
26 T	0.5	7	0.30	0.4	1.0	0.3	1.8	39.0	1,487	1,451
27 T	0.5	7	0.30	0.4	1.0	0.3	1.8	40.0	1,531	1,495
28 T	0.5	7	0.30	0.4	1.0	0.3	1.9	41.5	1,608	1,571
29 T	0.5	7	0.30	0.4	1.0	0.3	1.9	41.5	1,635	1,597
30 T	0.5	7	0.30	0.4	1.0	0.3	1.9	41.5	1,662	1,624
31 T	0.5	7	0.30	0.4	1.2	0.3	1.9	43.5	1,765	1,725
32 T	0.5	7	0.30	0.4	1.2	0.3	1.9	43.5	1,791	1,752
33 T	0.5	7	0.30	0.4	1.2	0.3	1.9	43.5	1,818	1,778
34 T	0.5	7	0.30	0.4	1.2	0.3	1.9	45.0	1,883	1,842
35 T	0.5	7	0.30	0.4	1.2	0.3	1.9	45.0	1,910	1,868
36 T	0.5	7	0.30	0.4	1.2	0.3	1.9	45.0	1,936	1,895
37 T	0.5	7	0.30	0.4	1.2	0.3	1.9	45.0	1,963	1,921
38 T	0.5	7	0.30	0.4	1.2	0.3	2.0	47.0	2,051	2,008
39 T	0.5	7	0.30	0.4	1.2	0.3	2.0	47.0	2,078	2,035
40 T	0.5	7	0.30	0.4	1.2	0.3	2.0	47.0	2,105	2,062
41 T	0.5	7	0.30	0.4	1.2	0.3	2.0	49.0	2,175	2,130
42 T	0.5	7	0.30	0.4	1.2	0.3	2.0	49.0	2,202	2,157
43 T	0.5	7	0.30	0.4	1.2	0.3	2.0	49.0	2,228	2,184
44 T	0.5	7	0.30	0.4	1.2	0.4	2.1	51.0	2,463	2,401
45 T	0.5	7	0.30	0.4	1.2	0.4	2.1	51.0	2,490	2,427
46 T	0.5	7	0.30	0.4	1.2	0.4	2.1	51.0	2,517	2,454
47 T	0.5	7	0.30	0.4	1.2	0.4	2.1	51.0	2,543	2,481
48 T	0.5	7	0.30	0.4	1.2	0.4	2.1	52.0	2,592	2,528
50 T	0.5	7	0.30	0.4	1.2	0.4	2.2	53.5	2,700	2,635

0.75 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	0.75	7	0.37	0.5	1.0	0.2	1.1	11.5	169	163
2 P	0.75	7	0.37	0.5	1.0	0.2	1.2	16.5	275	266
3 P	0.75	7	0.37	0.5	1.0	0.2	1.2	17.0	312	303
4 P	0.75	7	0.37	0.5	1.0	0.3	1.3	19.0	420	404
5 P	0.75	7	0.37	0.5	1.0	0.3	1.3	21.0	482	464
6 P	0.75	7	0.37	0.5	1.0	0.3	1.4	21.5	529	510
7 P	0.75	7	0.37	0.5	1.0	0.3	1.4	21.5	554	535
8 P	0.75	7	0.37	0.5	1.0	0.3	1.4	23.5	616	596
9 P	0.75	7	0.37	0.5	1.0	0.3	1.5	25.0	677	656
10 P	0.75	7	0.37	0.5	1.0	0.3	1.5	26.5	732	709
11 P	0.75	7	0.37	0.5	1.0	0.3	1.5	26.5	763	740
12 P	0.75	7	0.37	0.5	1.0	0.3	1.5	27.0	801	777
13 P	0.75	7	0.37	0.5	1.0	0.3	1.6	27.5	845	821
14 P	0.75	7	0.37	0.5	1.0	0.3	1.6	28.5	890	864
15 P	0.75	7	0.37	0.5	1.0	0.3	1.6	29.0	928	902
16 P	0.75	7	0.37	0.5	1.0	0.3	1.6	30.5	979	952
17 P	0.75	7	0.37	0.5	1.0	0.3	1.7	31.0	1024	997
18 P	0.75	7	0.37	0.5	1.0	0.3	1.7	31.0	1056	1028
19 P	0.75	7	0.37	0.5	1.0	0.3	1.7	32.0	1094	1066
20 P	0.75	7	0.37	0.5	1.0	0.3	1.7	32.5	1139	1110
21 P	0.75	7	0.37	0.5	1.0	0.3	1.7	33.5	1178	1148
22 P	0.75	7	0.37	0.5	1.0	0.3	1.8	34.0	1231	1201
23 P	0.75	7	0.37	0.5	1.0	0.3	1.8	34.5	1270	1239
24 P	0.75	7	0.37	0.5	1.0	0.3	1.8	35.5	1308	1277
25 P	0.75	7	0.37	0.5	1.0	0.3	1.8	36.0	1345	1313
26 P	0.75	7	0.37	0.5	1.0	0.3	1.8	36.5	1384	1351
27 P	0.75	7	0.37	0.5	1.0	0.3	1.9	37.0	1437	1403
28 P	0.75	7	0.37	0.5	1.2	0.3	1.9	38.0	1510	1476
29 P	0.75	7	0.37	0.5	1.2	0.3	1.9	38.5	1549	1515
30 P	0.75	7	0.37	0.5	1.2	0.3	1.9	39.0	1586	1551
31 P	0.75	7	0.37	0.5	1.2	0.3	1.9	39.5	1623	1588
32 P	0.75	7	0.37	0.5	1.2	0.3	1.9	40.0	1661	1624
33 P	0.75	7	0.37	0.5	1.2	0.3	1.9	40.5	1698	1661
34 P	0.75	7	0.37	0.5	1.2	0.3	2.0	41.5	1754	1716
35 P	0.75	7	0.37	0.5	1.2	0.3	2.0	42.0	1791	1753
36 P	0.75	7	0.37	0.5	1.2	0.3	2.0	42.0	1825	1787
37 P	0.75	7	0.37	0.5	1.2	0.3	2.0	42.5	1863	1824
38 P	0.75	7	0.37	0.5	1.2	0.3	2.0	43.0	1900	1861
39 P	0.75	7	0.37	0.5	1.2	0.3	2.0	43.5	1935	1895
40 P	0.75	7	0.37	0.5	1.2	0.3	2.0	44.0	1972	1932
41 P	0.75	7	0.37	0.5	1.2	0.4	2.1	45.0	2154	2099

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
42 P	0.75	7	0.37	0.5	1.2	0.4	2.1	45.5	2190	2135
43 P	0.75	7	0.37	0.5	1.2	0.4	2.1	46.0	2229	2173
44 P	0.75	7	0.37	0.5	1.2	0.4	2.2	46.5	2287	2230
45 P	0.75	7	0.37	0.5	1.2	0.4	2.2	47.0	2323	2266
46 P	0.75	7	0.37	0.5	1.2	0.4	2.2	47.5	2362	2305
47 P	0.75	7	0.37	0.5	1.2	0.4	2.2	48.0	2398	2340
48 P	0.75	7	0.37	0.5	1.2	0.4	2.2	48.5	2435	2376
50 P	0.75	7	0.37	0.5	1.2	0.4	2.2	49.0	2508	2448

0.75 SQ MM XLPE INSULATED,OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	0.75	7	0.37	0.5	1.0	0.2	1.1	12.0	190	184
2 T	0.75	7	0.37	0.5	1.0	0.2	1.2	18.0	329	319
3 T	0.75	7	0.37	0.5	1.0	0.3	1.3	20.0	447	430
4 T	0.75	7	0.37	0.5	1.0	0.3	1.3	21.5	517	498
5 T	0.75	7	0.37	0.5	1.0	0.3	1.4	23.5	599	579
6 T	0.75	7	0.37	0.5	1.0	0.3	1.4	25.0	674	652
7 T	0.75	7	0.37	0.5	1.0	0.3	1.4	25.0	712	690
8 T	0.75	7	0.37	0.5	1.0	0.3	1.5	28.0	820	795
9 T	0.75	7	0.37	0.5	1.0	0.3	1.6	30.5	916	889
10 T	0.75	7	0.37	0.5	1.0	0.3	1.6	28.5	915	889
11 T	0.75	7	0.37	0.5	1.0	0.3	1.6	30.0	978	952
12 T	0.75	7	0.37	0.5	1.0	0.3	1.6	30.0	1016	989
13 T	0.75	7	0.37	0.5	1.0	0.3	1.7	34.5	1162	1131
14 T	0.75	7	0.37	0.5	1.0	0.3	1.7	34.5	1200	1169
15 T	0.75	7	0.37	0.5	1.0	0.3	1.7	36.0	1275	1242
16 T	0.75	7	0.37	0.5	1.0	0.3	1.7	36.0	1312	1280
17 T	0.75	7	0.37	0.5	1.0	0.3	1.8	38.0	1409	1375
18 T	0.75	7	0.37	0.5	1.0	0.3	1.8	38.0	1447	1412
19 T	0.75	7	0.37	0.5	1.0	0.3	1.8	38.0	1485	1450
20 T	0.75	7	0.37	0.5	1.0	0.3	1.9	40.5	1585	1549
21 T	0.75	7	0.37	0.5	1.0	0.3	1.9	40.5	1623	1587
22 T	0.75	7	0.37	0.5	1.2	0.3	1.9	42.5	1748	1709
23 T	0.75	7	0.37	0.5	1.2	0.3	1.9	42.5	1785	1746
24 T	0.75	7	0.37	0.5	1.2	0.3	2.0	45.0	1891	1850
25 T	0.75	7	0.37	0.5	1.2	0.3	2.0	45.0	1929	1888

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
26 T	0.75	7	0.37	0.5	1.2	0.3	2.0	45.0	1967	1926
27 T	0.75	7	0.37	0.5	1.2	0.3	2.0	46.0	2029	1987
28 T	0.75	7	0.37	0.5	1.2	0.3	2.1	47.5	2124	2081
29 T	0.75	7	0.37	0.5	1.2	0.3	2.1	47.5	2162	2119
30 T	0.75	7	0.37	0.5	1.2	0.3	2.1	47.5	2200	2156
31 T	0.75	7	0.37	0.5	1.2	0.4	2.1	50.0	2422	2361
32 T	0.75	7	0.37	0.5	1.2	0.4	2.1	50.0	2460	2399
33 T	0.75	7	0.37	0.5	1.2	0.4	2.1	50.0	2497	2436
34 T	0.75	7	0.37	0.5	1.2	0.4	2.2	52.0	2609	2545
35 T	0.75	7	0.37	0.5	1.2	0.4	2.2	52.0	2646	2583
36 T	0.75	7	0.37	0.5	1.2	0.4	2.2	52.0	2684	2620
37 T	0.75	7	0.37	0.5	1.2	0.4	2.2	52.0	2721	2658
38 T	0.75	7	0.37	0.5	1.2	0.4	2.2	54.0	2815	2749
39 T	0.75	7	0.37	0.5	1.2	0.4	2.2	54.0	2853	2787
40 T	0.75	7	0.37	0.5	1.2	0.4	2.2	54.0	2891	2825
41 T	0.75	7	0.37	0.5	1.2	0.4	2.3	56.0	3013	2944
42 T	0.75	7	0.37	0.5	1.2	0.4	2.3	56.0	3051	2982
43 T	0.75	7	0.37	0.5	1.2	0.4	2.3	56.0	3089	3020
44 T	0.75	7	0.37	0.5	1.2	0.4	2.4	58.5	3210	3138
45 T	0.75	7	0.37	0.5	1.2	0.4	2.4	58.5	3248	3176
46 T	0.75	7	0.37	0.5	1.2	0.4	2.4	58.5	3285	3214
47 T	0.75	7	0.37	0.5	1.2	0.4	2.4	58.5	3323	3251
48 T	0.75	7	0.37	0.5	1.2	0.4	2.4	59.5	3387	3314
50 T	0.75	7	0.37	0.5	1.2	0.4	2.4	60.5	3497	3423

1.0 SQ MM XLPE INSULATED,OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	1	7	0.43	0.5	1.0	0.2	1.1	12.0	182	175
2 P	1	7	0.43	0.5	1.0	0.2	1.2	17.0	299	290
3 P	1	7	0.43	0.5	1.0	0.2	1.2	18.0	344	333
4 P	1	7	0.43	0.5	1.0	0.3	1.3	20.0	462	445
5 P	1	7	0.43	0.5	1.0	0.3	1.3	22.0	531	512
6 P	1	7	0.43	0.5	1.0	0.3	1.4	22.5	585	565
7 P	1	7	0.43	0.5	1.0	0.3	1.4	22.5	616	596
8 P	1	7	0.43	0.5	1.0	0.3	1.5	25.0	697	676
9 P	1	7	0.43	0.5	1.0	0.3	1.5	26.0	756	733

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
10 P	1	7	0.43	0.5	1.0	0.3	1.5	27.5	818	794
11 P	1	7	0.43	0.5	1.0	0.3	1.5	28.0	858	833
12 P	1	7	0.43	0.5	1.0	0.3	1.6	29.0	914	889
13 P	1	7	0.43	0.5	1.0	0.3	1.6	29.0	952	926
14 P	1	7	0.43	0.5	1.0	0.3	1.6	30.0	1004	978
15 P	1	7	0.43	0.5	1.0	0.3	1.7	31.0	1062	1035
16 P	1	7	0.43	0.5	1.0	0.3	1.7	32.0	1120	1091
17 P	1	7	0.43	0.5	1.0	0.3	1.7	32.5	1160	1131
18 P	1	7	0.43	0.5	1.0	0.3	1.7	33.0	1197	1168
19 P	1	7	0.43	0.5	1.0	0.3	1.7	33.5	1241	1211
20 P	1	7	0.43	0.5	1.0	0.3	1.8	34.5	1310	1279
21 P	1	7	0.43	0.5	1.0	0.3	1.8	35.0	1355	1323
22 P	1	7	0.43	0.5	1.0	0.3	1.8	36.0	1401	1369
23 P	1	7	0.43	0.5	1.0	0.3	1.8	36.5	1446	1413
24 P	1	7	0.43	0.5	1.0	0.3	1.9	37.5	1507	1474
25 P	1	7	0.43	0.5	1.0	0.3	1.9	38.0	1552	1518
26 P	1	7	0.43	0.5	1.0	0.3	1.9	38.5	1597	1562
27 P	1	7	0.43	0.5	1.2	0.3	1.9	39.5	1680	1644
28 P	1	7	0.43	0.5	1.2	0.3	1.9	40.0	1725	1689
29 P	1	7	0.43	0.5	1.2	0.3	1.9	40.5	1768	1731
30 P	1	7	0.43	0.5	1.2	0.3	1.9	41.0	1813	1776
31 P	1	7	0.43	0.5	1.2	0.3	2.0	42.0	1875	1837
32 P	1	7	0.43	0.5	1.2	0.3	2.0	42.5	1921	1882
33 P	1	7	0.43	0.5	1.2	0.3	2.0	43.0	1964	1925
34 P	1	7	0.43	0.5	1.2	0.3	2.0	43.5	2007	1968
35 P	1	7	0.43	0.5	1.2	0.3	2.0	44.0	2050	2010
36 P	1	7	0.43	0.5	1.2	0.3	2.0	44.5	2093	2053
37 P	1	7	0.43	0.5	1.2	0.3	2.0	45.0	2137	2096
38 P	1	7	0.43	0.5	1.2	0.4	2.1	46.0	2330	2274
39 P	1	7	0.43	0.5	1.2	0.4	2.1	46.5	2375	2318
40 P	1	7	0.43	0.5	1.2	0.4	2.1	47.0	2420	2362
41 P	1	7	0.43	0.5	1.2	0.4	2.2	48.0	2486	2428
42 P	1	7	0.43	0.5	1.2	0.4	2.2	48.5	2529	2470
43 P	1	7	0.43	0.5	1.2	0.4	2.2	49.0	2574	2514
44 P	1	7	0.43	0.5	1.2	0.4	2.2	49.0	2616	2556
45 P	1	7	0.43	0.5	1.2	0.4	2.2	49.5	2661	2600
46 P	1	7	0.43	0.5	1.2	0.4	2.2	50.0	2703	2642
47 P	1	7	0.43	0.5	1.2	0.4	2.2	50.5	2748	2687
48 P	1	7	0.43	0.5	1.2	0.4	2.2	51.0	2790	2728
50 P	1	7	0.43	0.5	1.2	0.4	2.3	52.0	2902	2838

1.0 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	1	7	0.43	0.5	1.0	0.2	1.1	12.5	205	199
2 T	1	7	0.43	0.5	1.0	0.3	1.3	19.5	425	408
3 T	1	7	0.43	0.5	1.0	0.3	1.3	20.5	491	474
4 T	1	7	0.43	0.5	1.0	0.3	1.3	22.5	572	553
5 T	1	7	0.43	0.5	1.0	0.3	1.4	24.5	666	645
6 T	1	7	0.43	0.5	1.0	0.3	1.5	26.5	766	743
7 T	1	7	0.43	0.5	1.0	0.3	1.5	26.5	812	789
8 T	1	7	0.43	0.5	1.0	0.3	1.5	29.5	920	894
9 T	1	7	0.43	0.5	1.0	0.3	1.6	32.0	1028	999
10 T	1	7	0.43	0.5	1.0	0.3	1.6	30.0	1033	1007
11 T	1	7	0.43	0.5	1.0	0.3	1.6	31.5	1108	1080
12 T	1	7	0.43	0.5	1.0	0.3	1.7	31.5	1168	1140
13 T	1	7	0.43	0.5	1.0	0.3	1.7	36.0	1316	1284
14 T	1	7	0.43	0.5	1.0	0.3	1.7	36.0	1363	1330
15 T	1	7	0.43	0.5	1.0	0.3	1.8	38.0	1468	1434
16 T	1	7	0.43	0.5	1.0	0.3	1.8	38.0	1515	1481
17 T	1	7	0.43	0.5	1.0	0.3	1.8	40.0	1604	1568
18 T	1	7	0.43	0.5	1.0	0.3	1.8	40.0	1651	1614
19 T	1	7	0.43	0.5	1.0	0.3	1.8	40.0	1697	1661
20 T	1	7	0.43	0.5	1.0	0.3	1.9	42.5	1813	1774
21 T	1	7	0.43	0.5	1.0	0.3	1.9	42.5	1859	1820
22 T	1	7	0.43	0.5	1.2	0.3	2.0	45.5	2020	1979
23 T	1	7	0.43	0.5	1.2	0.3	2.0	45.5	2067	2025
24 T	1	7	0.43	0.5	1.2	0.3	2.0	47.5	2164	2120
25 T	1	7	0.43	0.5	1.2	0.3	2.0	47.5	2210	2167
26 T	1	7	0.43	0.5	1.2	0.3	2.0	47.5	2257	2213
27 T	1	7	0.43	0.5	1.2	0.3	2.0	48.5	2328	2283
28 T	1	7	0.43	0.5	1.2	0.4	2.1	51.0	2581	2519
29 T	1	7	0.43	0.5	1.2	0.4	2.1	51.0	2628	2565
30 T	1	7	0.43	0.5	1.2	0.4	2.1	51.0	2674	2612
31 T	1	7	0.43	0.5	1.2	0.4	2.2	53.0	2795	2730
32 T	1	7	0.43	0.5	1.2	0.4	2.2	53.0	2841	2776
33 T	1	7	0.43	0.5	1.2	0.4	2.2	53.0	2888	2823
34 T	1	7	0.43	0.5	1.2	0.4	2.2	55.0	2990	2923
35 T	1	7	0.43	0.5	1.2	0.4	2.2	55.0	3037	2969
36 T	1	7	0.43	0.5	1.2	0.4	2.2	55.0	3083	3016
37 T	1	7	0.43	0.5	1.2	0.4	2.2	55.0	3130	3062
38 T	1	7	0.43	0.5	1.2	0.4	2.3	57.0	3261	3191
39 T	1	7	0.43	0.5	1.2	0.4	2.3	57.0	3308	3238
40 T	1	7	0.43	0.5	1.2	0.4	2.3	57.0	3354	3284
41 T	1	7	0.43	0.5	1.4	0.4	2.4	60.0	3549	3475

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
42 T	1	7	0.43	0.5	1.4	0.4	2.4	60.0	3595	3521
43 T	1	7	0.43	0.5	1.4	0.4	2.4	60.0	3642	3568
44 T	1	7	0.43	0.5	1.4	0.4	2.4	62.0	3754	3677
45 T	1	7	0.43	0.5	1.4	0.4	2.4	62.0	3801	3724
46 T	1	7	0.43	0.5	1.4	0.4	2.4	62.0	3847	3770
47 T	1	7	0.43	0.5	1.4	0.4	2.4	62.0	3893	3817
48 T	1	7	0.43	0.5	1.4	0.4	2.4	63.0	3967	3889
50 T	1	7	0.43	0.5	1.4	0.4	2.5	64.5	4128	4049

1.5 SQ MM XLPE INSULATED,OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	1.5	7	0.53	0.6	1.0	0.2	1.1	13.0	211	204
2 P	1.5	7	0.53	0.6	1.0	0.3	1.3	19.5	416	399
3 P	1.5	7	0.53	0.6	1.0	0.3	1.3	20.5	480	463
4 P	1.5	7	0.53	0.6	1.0	0.3	1.4	22.5	567	548
5 P	1.5	7	0.53	0.6	1.0	0.3	1.4	24.5	656	635
6 P	1.5	7	0.53	0.6	1.0	0.3	1.5	25.5	726	704
7 P	1.5	7	0.53	0.6	1.0	0.3	1.5	25.5	770	748
8 P	1.5	7	0.53	0.6	1.0	0.3	1.6	28.0	874	849
9 P	1.5	7	0.53	0.6	1.0	0.3	1.6	29.5	950	924
10 P	1.5	7	0.53	0.6	1.0	0.3	1.7	31.5	1047	1020
11 P	1.5	7	0.53	0.6	1.0	0.3	1.7	31.5	1100	1072
12 P	1.5	7	0.53	0.6	1.0	0.3	1.7	32.5	1160	1131
13 P	1.5	7	0.53	0.6	1.0	0.3	1.8	33.0	1227	1198
14 P	1.5	7	0.53	0.6	1.0	0.3	1.8	34.0	1296	1266
15 P	1.5	7	0.53	0.6	1.0	0.3	1.8	35.0	1356	1325
16 P	1.5	7	0.53	0.6	1.0	0.3	1.8	36.0	1432	1399
17 P	1.5	7	0.53	0.6	1.0	0.3	1.9	37.0	1502	1469
18 P	1.5	7	0.53	0.6	1.0	0.3	1.9	37.0	1555	1522
19 P	1.5	7	0.53	0.6	1.0	0.3	1.9	38.0	1615	1581
20 P	1.5	7	0.53	0.6	1.2	0.3	1.9	39.5	1722	1687
21 P	1.5	7	0.53	0.6	1.2	0.3	1.9	40.0	1786	1749
22 P	1.5	7	0.53	0.6	1.2	0.3	2.0	41.0	1865	1828
23 P	1.5	7	0.53	0.6	1.2	0.3	2.0	42.0	1926	1889
24 P	1.5	7	0.53	0.6	1.2	0.4	2.1	43.5	2130	2078
25 P	1.5	7	0.53	0.6	1.2	0.4	2.1	44.0	2194	2141

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
26 P	1.5	7	0.53	0.6	1.2	0.4	2.1	44.5	2257	2203
27 P	1.5	7	0.53	0.6	1.2	0.4	2.1	45.5	2318	2263
28 P	1.5	7	0.53	0.6	1.2	0.4	2.2	46.0	2403	2347
29 P	1.5	7	0.53	0.6	1.2	0.4	2.2	47.0	2464	2407
30 P	1.5	7	0.53	0.6	1.2	0.4	2.2	47.5	2527	2470
31 P	1.5	7	0.53	0.6	1.2	0.4	2.2	48.0	2588	2530
32 P	1.5	7	0.53	0.6	1.2	0.4	2.2	48.5	2649	2590
33 P	1.5	7	0.53	0.6	1.2	0.4	2.2	49.5	2710	2650
34 P	1.5	7	0.53	0.6	1.2	0.4	2.3	50.0	2797	2736
35 P	1.5	7	0.53	0.6	1.2	0.4	2.3	50.5	2855	2794
36 P	1.5	7	0.53	0.6	1.2	0.4	2.3	51.5	2917	2854
37 P	1.5	7	0.53	0.6	1.2	0.4	2.3	52.0	2978	2915
38 P	1.5	7	0.53	0.6	1.4	0.4	2.4	53.0	3115	3050
39 P	1.5	7	0.53	0.6	1.4	0.4	2.4	53.5	3174	3108
40 P	1.5	7	0.53	0.6	1.4	0.4	2.4	54.0	3236	3170
41 P	1.5	7	0.53	0.6	1.4	0.4	2.4	54.5	3295	3228
42 P	1.5	7	0.53	0.6	1.4	0.4	2.4	55.5	3357	3289
43 P	1.5	7	0.53	0.6	1.4	0.4	2.4	56.0	3416	3348
44 P	1.5	7	0.53	0.6	1.4	0.4	2.5	56.5	3501	3432
45 P	1.5	7	0.53	0.6	1.4	0.4	2.5	57.0	3563	3494
46 P	1.5	7	0.53	0.6	1.4	0.4	2.5	57.5	3623	3552
47 P	1.5	7	0.53	0.6	1.4	0.4	2.5	58.0	3682	3611
48 P	1.5	7	0.53	0.6	1.4	0.4	2.5	58.5	3741	3669
50 P	1.5	7	0.53	0.6	1.4	0.4	2.6	60.0	3887	3814

1.5 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	1.5	7	0.53	0.6	1.0	0.2	1.1	13.5	243	236
2 T	1.5	7	0.53	0.6	1.0	0.3	1.3	21.5	505	486
3 T	1.5	7	0.53	0.6	1.0	0.3	1.4	23.0	605	585
4 T	1.5	7	0.53	0.6	1.0	0.3	1.4	25.0	713	691
5 T	1.5	7	0.53	0.6	1.0	0.3	1.5	27.5	835	810
6 T	1.5	7	0.53	0.6	1.0	0.3	1.6	30.0	961	934
7 T	1.5	7	0.53	0.6	1.0	0.3	1.6	30.0	1027	1001
8 T	1.5	7	0.53	0.6	1.0	0.3	1.7	33.5	1182	1152
9 T	1.5	7	0.53	0.6	1.0	0.3	1.8	36.0	1322	1289
10 T	1.5	7	0.53	0.6	1.0	0.3	1.8	34.0	1338	1308

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
11 T	1.5	7	0.53	0.6	1.0	0.3	1.8	35.5	1438	1406
12 T	1.5	7	0.53	0.6	1.0	0.3	1.8	35.5	1504	1473
13 T	1.5	7	0.53	0.6	1.0	0.3	1.9	41.0	1708	1671
14 T	1.5	7	0.53	0.6	1.0	0.3	1.9	41.0	1774	1737
15 T	1.5	7	0.53	0.6	1.2	0.3	2.0	44.0	1953	1913
16 T	1.5	7	0.53	0.6	1.2	0.3	2.0	44.0	2019	1979
17 T	1.5	7	0.53	0.6	1.2	0.3	2.0	46.0	2141	2099
18 T	1.5	7	0.53	0.6	1.2	0.3	2.0	46.0	2207	2165
19 T	1.5	7	0.53	0.6	1.2	0.3	2.0	46.0	2274	2231
20 T	1.5	7	0.53	0.6	1.2	0.4	2.1	49.0	2558	2498
21 T	1.5	7	0.53	0.6	1.2	0.4	2.1	49.0	2624	2564
22 T	1.5	7	0.53	0.6	1.2	0.4	2.2	52.0	2786	2723
23 T	1.5	7	0.53	0.6	1.2	0.4	2.2	52.0	2852	2789
24 T	1.5	7	0.53	0.6	1.2	0.4	2.3	54.5	3014	2947
25 T	1.5	7	0.53	0.6	1.2	0.4	2.3	54.5	3080	3013
26 T	1.5	7	0.53	0.6	1.2	0.4	2.3	54.5	3146	3079
27 T	1.5	7	0.53	0.6	1.2	0.4	2.3	56.0	3244	3175
28 T	1.5	7	0.53	0.6	1.4	0.4	2.4	58.5	3447	3375
29 T	1.5	7	0.53	0.6	1.4	0.4	2.4	58.5	3513	3441
30 T	1.5	7	0.53	0.6	1.4	0.4	2.4	58.5	3579	3508
31 T	1.5	7	0.53	0.6	1.4	0.4	2.4	60.5	3711	3637
32 T	1.5	7	0.53	0.6	1.4	0.4	2.4	60.5	3777	3703
33 T	1.5	7	0.53	0.6	1.4	0.4	2.4	60.5	3843	3769
34 T	1.5	7	0.53	0.6	1.4	0.4	2.5	63.0	4007	3930
35 T	1.5	7	0.53	0.6	1.4	0.4	2.5	63.0	4074	3996
36 T	1.5	7	0.53	0.6	1.4	0.4	2.5	63.0	4140	4062
37 T	1.5	7	0.53	0.6	1.4	0.4	2.5	63.0	4206	4128
38 T	1.5	7	0.53	0.6	1.4	0.4	2.6	65.5	4378	4297
39 T	1.5	7	0.53	0.6	1.4	0.4	2.6	65.5	4444	4363
40 T	1.5	7	0.53	0.6	1.4	0.4	2.6	65.5	4511	4429
41 T	1.5	7	0.53	0.6	1.4	0.4	2.7	68.5	4685	4601
42 T	1.5	7	0.53	0.6	1.4	0.4	2.7	68.5	4751	4667
43 T	1.5	7	0.53	0.6	1.4	0.4	2.7	68.5	4818	4733
44 T	1.5	7	0.53	0.6	1.6	0.4	2.7	71.5	5030	4942
45 T	1.5	7	0.53	0.6	1.6	0.4	2.7	71.5	5096	5008
46 T	1.5	7	0.53	0.6	1.6	0.4	2.7	71.5	5162	5074
47 T	1.5	7	0.53	0.6	1.6	0.4	2.7	71.5	5228	5140
48 T	1.5	7	0.53	0.6	1.6	0.4	2.8	72.5	5363	5274
50 T	1.5	7	0.53	0.6	1.6	0.4	2.8	74.0	5545	5453

2.5 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P	2.5	7	0.67	0.6	1.0	0.2	1.1	14.0	243	235
2 P	2.5	7	0.67	0.6	1.0	0.3	1.3	21.0	481	463
3 P	2.5	7	0.67	0.6	1.0	0.3	1.4	22.0	576	557
4 P	2.5	7	0.67	0.6	1.0	0.3	1.4	24.0	676	655
5 P	2.5	7	0.67	0.6	1.0	0.3	1.5	26.5	801	777
6 P	2.5	7	0.67	0.6	1.0	0.3	1.6	27.5	893	869
7 P	2.5	7	0.67	0.6	1.0	0.3	1.6	27.5	956	931
8 P	2.5	7	0.67	0.6	1.0	0.3	1.7	30.0	1084	1057
9 P	2.5	7	0.67	0.6	1.0	0.3	1.7	32.0	1184	1156
10 P	2.5	7	0.67	0.6	1.0	0.3	1.8	34.0	1306	1276
11 P	2.5	7	0.67	0.6	1.0	0.3	1.8	34.5	1378	1347
12 P	2.5	7	0.67	0.6	1.0	0.3	1.8	35.5	1459	1427
13 P	2.5	7	0.67	0.6	1.0	0.3	1.9	36.0	1547	1515
14 P	2.5	7	0.67	0.6	1.0	0.3	1.9	37.0	1637	1604
15 P	2.5	7	0.67	0.6	1.2	0.3	1.9	38.5	1755	1721
16 P	2.5	7	0.67	0.6	1.2	0.3	1.9	40.0	1858	1822
17 P	2.5	7	0.67	0.6	1.2	0.3	2.0	40.5	1949	1912
18 P	2.5	7	0.67	0.6	1.2	0.3	2.0	41.0	2021	1984
19 P	2.5	7	0.67	0.6	1.2	0.3	2.0	42.0	2104	2066
20 P	2.5	7	0.67	0.6	1.2	0.4	2.1	43.5	2337	2285
21 P	2.5	7	0.67	0.6	1.2	0.4	2.1	44.5	2425	2371
22 P	2.5	7	0.67	0.6	1.2	0.4	2.2	45.5	2531	2476
23 P	2.5	7	0.67	0.6	1.2	0.4	2.2	46.5	2616	2560
24 P	2.5	7	0.67	0.6	1.2	0.4	2.3	47.5	2723	2666
25 P	2.5	7	0.67	0.6	1.2	0.4	2.3	48.0	2808	2750
26 P	2.5	7	0.67	0.6	1.2	0.4	2.3	49.0	2891	2832
27 P	2.5	7	0.67	0.6	1.2	0.4	2.3	49.5	2977	2917
28 P	2.5	7	0.67	0.6	1.4	0.4	2.3	51.0	3109	3047
29 P	2.5	7	0.67	0.6	1.4	0.4	2.3	51.5	3192	3129
30 P	2.5	7	0.67	0.6	1.4	0.4	2.3	52.5	3278	3215
31 P	2.5	7	0.67	0.6	1.4	0.4	2.4	53.0	3386	3321
32 P	2.5	7	0.67	0.6	1.4	0.4	2.4	54.0	3467	3401
33 P	2.5	7	0.67	0.6	1.4	0.4	2.4	54.5	3550	3484
34 P	2.5	7	0.67	0.6	1.4	0.4	2.5	55.5	3660	3592
35 P	2.5	7	0.67	0.6	1.4	0.4	2.5	56.0	3740	3672
36 P	2.5	7	0.67	0.6	1.4	0.4	2.5	56.5	3824	3755
37 P	2.5	7	0.67	0.6	1.4	0.4	2.5	57.5	3905	3835
38 P	2.5	7	0.67	0.6	1.4	0.4	2.6	58.0	4013	3942
39 P	2.5	7	0.67	0.6	1.4	0.4	2.6	59.0	4097	4026
40 P	2.5	7	0.67	0.6	1.4	0.4	2.6	59.5	4179	4106
41 P	2.5	7	0.67	0.6	1.4	0.4	2.6	60.0	4260	4186

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
42 P	2.5	7	0.67	0.6	1.4	0.4	2.6	60.5	4341	4267
43 P	2.5	7	0.67	0.6	1.4	0.4	2.6	61.0	4422	4347
44 P	2.5	7	0.67	0.6	1.4	0.4	2.7	62.0	4532	4456
45 P	2.5	7	0.67	0.6	1.4	0.4	2.7	62.5	4613	4537
46 P	2.5	7	0.67	0.6	1.4	0.4	2.7	63.0	4692	4615
47 P	2.5	7	0.67	0.6	1.4	0.4	2.7	63.5	4773	4695
48 P	2.5	7	0.67	0.6	1.6	0.4	2.7	64.5	4914	4834
50 P	2.5	7	0.67	0.6	1.6	0.4	2.8	66.0	5108	5027

2.5 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 T	2.5	7	0.67	0.6	1.0	0.2	1.2	15.0	293	285
2 T	2.5	7	0.67	0.6	1.0	0.3	1.4	23.5	605	585
3 T	2.5	7	0.67	0.6	1.0	0.3	1.4	25.0	726	704
4 T	2.5	7	0.67	0.6	1.0	0.3	1.5	27.5	878	854
5 T	2.5	7	0.67	0.6	1.0	0.3	1.6	30.0	1034	1008
6 T	2.5	7	0.67	0.6	1.0	0.3	1.7	32.5	1197	1168
7 T	2.5	7	0.67	0.6	1.0	0.3	1.7	32.5	1291	1262
8 T	2.5	7	0.67	0.6	1.0	0.3	1.8	36.5	1483	1451
9 T	2.5	7	0.67	0.6	1.0	0.3	1.9	39.5	1663	1627
10 T	2.5	7	0.67	0.6	1.2	0.3	1.9	37.5	1736	1702
11 T	2.5	7	0.67	0.6	1.2	0.3	1.9	39.0	1868	1833
12 T	2.5	7	0.67	0.6	1.2	0.3	1.9	39.0	1962	1927
13 T	2.5	7	0.67	0.6	1.2	0.3	2.0	45.0	2218	2177
14 T	2.5	7	0.67	0.6	1.2	0.3	2.0	45.0	2312	2271
15 T	2.5	7	0.67	0.6	1.2	0.4	2.1	48.5	2624	2565
16 T	2.5	7	0.67	0.6	1.2	0.4	2.1	48.5	2718	2659
17 T	2.5	7	0.67	0.6	1.2	0.4	2.2	51.0	2905	2843
18 T	2.5	7	0.67	0.6	1.2	0.4	2.2	51.0	2999	2937
19 T	2.5	7	0.67	0.6	1.2	0.4	2.2	51.0	3093	3031
20 T	2.5	7	0.67	0.6	1.2	0.4	2.3	54.0	3288	3222
21 T	2.5	7	0.67	0.6	1.2	0.4	2.3	54.0	3382	3316
22 T	2.5	7	0.67	0.6	1.4	0.4	2.4	57.5	3637	3567
23 T	2.5	7	0.67	0.6	1.4	0.4	2.4	57.5	3731	3661
24 T	2.5	7	0.67	0.6	1.4	0.4	2.4	60.0	3909	3835
25 T	2.5	7	0.67	0.6	1.4	0.4	2.4	60.0	4003	3929
26 T	2.5	7	0.67	0.6	1.4	0.4	2.4	60.0	4098	4023
27 T	2.5	7	0.67	0.6	1.4	0.4	2.5	61.5	4256	4180

Size (No. of Pair / Triad)	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
28 T	2.5	7	0.67	0.6	1.4	0.4	2.6	64.0	4446	4367
29 T	2.5	7	0.67	0.6	1.4	0.4	2.6	64.0	4540	4461
30 T	2.5	7	0.67	0.6	1.4	0.4	2.6	64.0	4634	4555
31 T	2.5	7	0.67	0.6	1.4	0.4	2.6	66.5	4803	4721
32 T	2.5	7	0.67	0.6	1.4	0.4	2.6	66.5	4897	4815
33 T	2.5	7	0.67	0.6	1.4	0.4	2.6	66.5	4991	4909
34 T	2.5	7	0.67	0.6	1.4	0.4	2.7	69.0	5194	5108
35 T	2.5	7	0.67	0.6	1.4	0.4	2.7	69.0	5288	5202
36 T	2.5	7	0.67	0.6	1.4	0.4	2.7	69.0	5382	5296
37 T	2.5	7	0.67	0.6	1.4	0.4	2.7	69.0	5476	5390
38 T	2.5	7	0.67	0.6	1.6	0.4	2.8	72.5	5760	5670
39 T	2.5	7	0.67	0.6	1.6	0.4	2.8	72.5	5854	5764
40 T	2.5	7	0.67	0.6	1.6	0.4	2.8	72.5	5948	5858
41 T	2.5	7	0.67	0.6	1.6	0.4	2.9	75.5	6168	6075
42 T	2.5	7	0.67	0.6	1.6	0.4	2.9	75.5	6262	6169
43 T	2.5	7	0.67	0.6	1.6	0.4	2.9	75.5	6356	6263
44 T	2.5	7	0.67	0.6	1.6	0.4	3.0	78.5	6576	6479
45 T	2.5	7	0.67	0.6	1.6	0.4	3.0	78.5	6670	6573
46 T	2.5	7	0.67	0.6	1.6	0.4	3.0	78.5	6764	6667
47 T	2.5	7	0.67	0.6	1.6	0.4	3.0	78.5	6858	6761
48 T	2.5	7	0.67	0.6	1.6	0.4	3.0	79.5	6996	6897
50 T	2.5	7	0.67	0.6	1.6	0.4	3.0	81.5	7241	7140



FIRE RESISTANT INSTRUMENTATION CONTROL CABLES OVERALL SHEILDED

RATED OPERATING VOLTAGE : 150/250 V (300 V)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 376

CABLE OVERALL SCREENED

CONDUCTOR MATERIAL : Stranded, annealed, tinned or untinned copper class 2 as per IEC 60228

HEAT BARRIER: Mica tape

INSULATION MATERIAL : Extruded XLPE Insulation

INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional- other polymeric compounds

ARMOUR / BRAIDING MATERIAL : Annealed Tinned Copper Wire, Optional GI wire, SS wire or Bronze wire

OUTER SHEATH MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional- other polymeric compounds

0.5 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
2 C	0.5	7	0.30	0.4	1.0	0.2	1.0	10.5	144	139
3 C	0.5	7	0.30	0.4	1.0	0.2	1.0	11.0	159	154
4 C	0.5	7	0.30	0.4	1.0	0.2	1.1	12.0	185	178
5 C	0.5	7	0.30	0.4	1.0	0.2	1.1	12.5	205	198
6 C	0.5	7	0.30	0.4	1.0	0.2	1.1	13.5	227	220
7 C	0.5	7	0.30	0.4	1.0	0.2	1.1	13.5	236	229
8 C	0.5	7	0.30	0.4	1.0	0.2	1.1	14.5	263	255
9 C	0.5	7	0.30	0.4	1.0	0.2	1.2	15.5	294	285
10 C	0.5	7	0.30	0.4	1.0	0.2	1.2	15.0	291	282
11 C	0.5	7	0.30	0.4	1.0	0.2	1.2	15.0	299	291
12 C	0.5	7	0.30	0.4	1.0	0.2	1.2	15.5	317	308
13 C	0.5	7	0.30	0.4	1.0	0.2	1.2	17.5	356	346
14 C	0.5	7	0.30	0.4	1.0	0.2	1.2	17.5	365	355
15 C	0.5	7	0.30	0.4	1.0	0.3	1.3	18.5	445	429
16 C	0.5	7	0.30	0.4	1.0	0.3	1.3	18.5	454	438
17 C	0.5	7	0.30	0.4	1.0	0.3	1.3	19.5	479	462
18 C	0.5	7	0.30	0.4	1.0	0.3	1.3	19.5	488	471
19 C	0.5	7	0.30	0.4	1.0	0.3	1.3	19.5	497	480
20 C	0.5	7	0.30	0.4	1.0	0.3	1.3	20.5	522	504
21 C	0.5	7	0.30	0.4	1.0	0.3	1.3	20.5	531	513

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
22 C	0.5	7	0.30	0.4	1.0	0.3	1.3	21.0	558	539
23 C	0.5	7	0.30	0.4	1.0	0.3	1.3	21.0	566	548
24 C	0.5	7	0.30	0.4	1.0	0.3	1.4	22.5	604	584
25 C	0.5	7	0.30	0.4	1.0	0.3	1.4	22.5	613	593
26 C	0.5	7	0.30	0.4	1.0	0.3	1.4	22.5	621	602
27 C	0.5	7	0.30	0.4	1.0	0.3	1.4	22.5	636	617
28 C	0.5	7	0.30	0.4	1.0	0.3	1.4	23.5	660	640
29 C	0.5	7	0.30	0.4	1.0	0.3	1.4	23.5	669	648
30 C	0.5	7	0.30	0.4	1.0	0.3	1.4	23.5	677	657
31 C	0.5	7	0.30	0.4	1.0	0.3	1.4	24.0	703	682
32 C	0.5	7	0.30	0.4	1.0	0.3	1.4	24.0	712	691
33 C	0.5	7	0.30	0.4	1.0	0.3	1.4	24.0	721	700
34 C	0.5	7	0.30	0.4	1.0	0.3	1.5	25.0	755	734
35 C	0.5	7	0.30	0.4	1.0	0.3	1.5	25.0	764	743
36 C	0.5	7	0.30	0.4	1.0	0.3	1.5	25.0	773	751
37 C	0.5	7	0.30	0.4	1.0	0.3	1.5	25.0	782	760
38 C	0.5	7	0.30	0.4	1.0	0.3	1.5	26.0	810	787
39 C	0.5	7	0.30	0.4	1.0	0.3	1.5	26.0	819	796
40 C	0.5	7	0.30	0.4	1.0	0.3	1.5	26.0	828	805
41 C	0.5	7	0.30	0.4	1.0	0.3	1.5	26.5	853	830
42 C	0.5	7	0.30	0.4	1.0	0.3	1.5	26.5	862	839
43 C	0.5	7	0.30	0.4	1.0	0.3	1.5	26.5	871	848
44 C	0.5	7	0.30	0.4	1.0	0.3	1.5	27.5	899	875
45 C	0.5	7	0.30	0.4	1.0	0.3	1.5	27.5	908	884
46 C	0.5	7	0.30	0.4	1.0	0.3	1.5	27.5	917	893
47 C	0.5	7	0.30	0.4	1.0	0.3	1.5	27.5	926	901
48 C	0.5	7	0.30	0.4	1.0	0.3	1.5	28.0	943	918
52 C	0.5	7	0.30	0.4	1.0	0.3	1.6	29.0	1004	979
61 C	0.5	7	0.30	0.4	1.0	0.3	1.6	30.5	1117	1090

0.75 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
2 C	0.75	7	0.37	0.5	1.0	0.2	1.1	11.5	169	163
3 C	0.75	7	0.37	0.5	1.0	0.2	1.1	12.0	190	184
4 C	0.75	7	0.37	0.5	1.0	0.2	1.1	13.0	216	209
5 C	0.75	7	0.37	0.5	1.0	0.2	1.1	14.0	241	234

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
6 C	0.75	7	0.37	0.5	1.0	0.2	1.2	15.0	275	267
7 C	0.75	7	0.37	0.5	1.0	0.2	1.2	15.0	288	280
8 C	0.75	7	0.37	0.5	1.0	0.2	1.2	16.0	322	313
9 C	0.75	7	0.37	0.5	1.0	0.2	1.2	17.0	352	342
10 C	0.75	7	0.37	0.5	1.0	0.3	1.3	17.0	405	391
11 C	0.75	7	0.37	0.5	1.0	0.3	1.3	17.0	417	403
12 C	0.75	7	0.37	0.5	1.0	0.3	1.3	17.5	442	427
13 C	0.75	7	0.37	0.5	1.0	0.3	1.3	20.0	497	480
14 C	0.75	7	0.37	0.5	1.0	0.3	1.3	20.0	510	493
15 C	0.75	7	0.37	0.5	1.0	0.3	1.3	20.5	538	521
16 C	0.75	7	0.37	0.5	1.0	0.3	1.3	20.5	551	533
17 C	0.75	7	0.37	0.5	1.0	0.3	1.4	21.5	591	573
18 C	0.75	7	0.37	0.5	1.0	0.3	1.4	21.5	604	585
19 C	0.75	7	0.37	0.5	1.0	0.3	1.4	21.5	616	598
20 C	0.75	7	0.37	0.5	1.0	0.3	1.4	22.5	650	630
21 C	0.75	7	0.37	0.5	1.0	0.3	1.4	22.5	662	643
22 C	0.75	7	0.37	0.5	1.0	0.3	1.4	23.5	695	675
23 C	0.75	7	0.37	0.5	1.0	0.3	1.4	23.5	708	687
24 C	0.75	7	0.37	0.5	1.0	0.3	1.5	25.0	752	731
25 C	0.75	7	0.37	0.5	1.0	0.3	1.5	25.0	765	743
26 C	0.75	7	0.37	0.5	1.0	0.3	1.5	25.0	778	756
27 C	0.75	7	0.37	0.5	1.0	0.3	1.5	25.5	799	777
28 C	0.75	7	0.37	0.5	1.0	0.3	1.5	26.0	828	805
29 C	0.75	7	0.37	0.5	1.0	0.3	1.5	26.0	841	818
30 C	0.75	7	0.37	0.5	1.0	0.3	1.5	26.0	853	830
31 C	0.75	7	0.37	0.5	1.0	0.3	1.5	27.0	882	859
32 C	0.75	7	0.37	0.5	1.0	0.3	1.5	27.0	895	871
33 C	0.75	7	0.37	0.5	1.0	0.3	1.5	27.0	908	884
34 C	0.75	7	0.37	0.5	1.0	0.3	1.6	28.0	952	927
35 C	0.75	7	0.37	0.5	1.0	0.3	1.6	28.0	965	940
36 C	0.75	7	0.37	0.5	1.0	0.3	1.6	28.0	977	953
37 C	0.75	7	0.37	0.5	1.0	0.3	1.6	28.0	990	965
38 C	0.75	7	0.37	0.5	1.0	0.3	1.6	29.0	1024	998
39 C	0.75	7	0.37	0.5	1.0	0.3	1.6	29.0	1036	1011
40 C	0.75	7	0.37	0.5	1.0	0.3	1.6	29.0	1049	1023
41 C	0.75	7	0.37	0.5	1.0	0.3	1.6	30.0	1083	1056
42 C	0.75	7	0.37	0.5	1.0	0.3	1.6	30.0	1096	1069
43 C	0.75	7	0.37	0.5	1.0	0.3	1.6	30.0	1108	1081
44 C	0.75	7	0.37	0.5	1.0	0.3	1.7	31.0	1156	1129
45 C	0.75	7	0.37	0.5	1.0	0.3	1.7	31.0	1169	1141
46 C	0.75	7	0.37	0.5	1.0	0.3	1.7	31.0	1181	1154
47 C	0.75	7	0.37	0.5	1.0	0.3	1.7	31.0	1194	1166
48 C	0.75	7	0.37	0.5	1.0	0.3	1.7	31.5	1215	1187
52 C	0.75	7	0.37	0.5	1.0	0.3	1.7	32.5	1283	1254
61 C	0.75	7	0.37	0.5	1.0	0.3	1.8	34.5	1449	1419

1.0 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
2 C	1	7	0.43	0.5	1.0	0.2	1.1	12.0	182	175
3 C	1	7	0.43	0.5	1.0	0.2	1.1	12.5	205	199
4 C	1	7	0.43	0.5	1.0	0.2	1.1	13.5	234	227
5 C	1	7	0.43	0.5	1.0	0.2	1.1	14.5	264	256
6 C	1	7	0.43	0.5	1.0	0.2	1.2	15.5	303	295
7 C	1	7	0.43	0.5	1.0	0.2	1.2	15.5	319	310
8 C	1	7	0.43	0.5	1.0	0.2	1.2	17.0	358	348
9 C	1	7	0.43	0.5	1.0	0.3	1.3	18.5	451	435
10 C	1	7	0.43	0.5	1.0	0.3	1.3	18.0	448	434
11 C	1	7	0.43	0.5	1.0	0.3	1.3	18.0	464	449
12 C	1	7	0.43	0.5	1.0	0.3	1.3	18.5	491	476
13 C	1	7	0.43	0.5	1.0	0.3	1.3	20.5	551	534
14 C	1	7	0.43	0.5	1.0	0.3	1.3	20.5	567	549
15 C	1	7	0.43	0.5	1.0	0.3	1.4	22.0	612	594
16 C	1	7	0.43	0.5	1.0	0.3	1.4	22.0	628	609
17 C	1	7	0.43	0.5	1.0	0.3	1.4	22.5	662	642
18 C	1	7	0.43	0.5	1.0	0.3	1.4	22.5	678	658
19 C	1	7	0.43	0.5	1.0	0.3	1.4	22.5	693	673
20 C	1	7	0.43	0.5	1.0	0.3	1.4	23.5	729	709
21 C	1	7	0.43	0.5	1.0	0.3	1.4	23.5	745	724
22 C	1	7	0.43	0.5	1.0	0.3	1.5	25.0	794	772
23 C	1	7	0.43	0.5	1.0	0.3	1.5	25.0	810	788
24 C	1	7	0.43	0.5	1.0	0.3	1.5	26.0	848	826
25 C	1	7	0.43	0.5	1.0	0.3	1.5	26.0	864	841
26 C	1	7	0.43	0.5	1.0	0.3	1.5	26.0	879	857
27 C	1	7	0.43	0.5	1.0	0.3	1.5	26.5	903	880
28 C	1	7	0.43	0.5	1.0	0.3	1.5	27.5	938	914
29 C	1	7	0.43	0.5	1.0	0.3	1.5	27.5	953	929
30 C	1	7	0.43	0.5	1.0	0.3	1.5	27.5	969	945
31 C	1	7	0.43	0.5	1.0	0.3	1.6	28.5	1016	991
32 C	1	7	0.43	0.5	1.0	0.3	1.6	28.5	1032	1007
33 C	1	7	0.43	0.5	1.0	0.3	1.6	28.5	1047	1022
34 C	1	7	0.43	0.5	1.0	0.3	1.6	29.5	1082	1056
35 C	1	7	0.43	0.5	1.0	0.3	1.6	29.5	1098	1072
36 C	1	7	0.43	0.5	1.0	0.3	1.6	29.5	1113	1087
37 C	1	7	0.43	0.5	1.0	0.3	1.6	29.5	1129	1103
38 C	1	7	0.43	0.5	1.0	0.3	1.6	30.5	1168	1141
39 C	1	7	0.43	0.5	1.0	0.3	1.6	30.5	1183	1156
40 C	1	7	0.43	0.5	1.0	0.3	1.6	30.5	1199	1172
41 C	1	7	0.43	0.5	1.0	0.3	1.7	31.5	1250	1222

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
42 C	1	7	0.43	0.5	1.0	0.3	1.7	31.5	1266	1238
43 C	1	7	0.43	0.5	1.0	0.3	1.7	31.5	1281	1253
44 C	1	7	0.43	0.5	1.0	0.3	1.7	33.0	1321	1292
45 C	1	7	0.43	0.5	1.0	0.3	1.7	33.0	1337	1307
46 C	1	7	0.43	0.5	1.0	0.3	1.7	33.0	1352	1323
47 C	1	7	0.43	0.5	1.0	0.3	1.7	33.0	1368	1338
48 C	1	7	0.43	0.5	1.0	0.3	1.7	33.5	1394	1364
52 C	1	7	0.43	0.5	1.0	0.3	1.7	34.0	1474	1443
61 C	1	7	0.43	0.5	1.0	0.3	1.8	36.0	1669	1637

1.5 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
2 C	1.5	7	0.53	0.6	1.0	0.2	1.1	13.0	211	204
3 C	1.5	7	0.53	0.6	1.0	0.2	1.1	13.5	243	236
4 C	1.5	7	0.53	0.6	1.0	0.2	1.2	15.0	288	280
5 C	1.5	7	0.53	0.6	1.0	0.2	1.2	16.0	327	318
6 C	1.5	7	0.53	0.6	1.0	0.2	1.2	17.0	368	358
7 C	1.5	7	0.53	0.6	1.0	0.2	1.2	17.0	390	380
8 C	1.5	7	0.53	0.6	1.0	0.3	1.3	19.5	500	484
9 C	1.5	7	0.53	0.6	1.0	0.3	1.3	20.5	548	531
10 C	1.5	7	0.53	0.6	1.0	0.3	1.4	19.5	557	541
11 C	1.5	7	0.53	0.6	1.0	0.3	1.4	19.5	579	563
12 C	1.5	7	0.53	0.6	1.0	0.3	1.4	20.5	616	599
13 C	1.5	7	0.53	0.6	1.0	0.3	1.4	23.0	691	672
14 C	1.5	7	0.53	0.6	1.0	0.3	1.4	23.0	714	694
15 C	1.5	7	0.53	0.6	1.0	0.3	1.5	24.5	769	748
16 C	1.5	7	0.53	0.6	1.0	0.3	1.5	24.5	791	770
17 C	1.5	7	0.53	0.6	1.0	0.3	1.5	25.5	837	815
18 C	1.5	7	0.53	0.6	1.0	0.3	1.5	25.5	859	836
19 C	1.5	7	0.53	0.6	1.0	0.3	1.5	25.5	881	859
20 C	1.5	7	0.53	0.6	1.0	0.3	1.5	26.5	928	905
21 C	1.5	7	0.53	0.6	1.0	0.3	1.5	26.5	950	927
22 C	1.5	7	0.53	0.6	1.0	0.3	1.6	28.0	1012	988
23 C	1.5	7	0.53	0.6	1.0	0.3	1.6	28.0	1035	1010
24 C	1.5	7	0.53	0.6	1.0	0.3	1.6	29.5	1082	1056
25 C	1.5	7	0.53	0.6	1.0	0.3	1.6	29.5	1104	1078

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
26 C	1.5	7	0.53	0.6	1.0	0.3	1.6	29.5	1126	1101
27 C	1.5	7	0.53	0.6	1.0	0.3	1.6	30.0	1159	1133
28 C	1.5	7	0.53	0.6	1.0	0.3	1.7	31.0	1217	1190
29 C	1.5	7	0.53	0.6	1.0	0.3	1.7	31.0	1239	1212
30 C	1.5	7	0.53	0.6	1.0	0.3	1.7	31.0	1261	1234
31 C	1.5	7	0.53	0.6	1.0	0.3	1.7	32.0	1305	1277
32 C	1.5	7	0.53	0.6	1.0	0.3	1.7	32.0	1327	1299
33 C	1.5	7	0.53	0.6	1.0	0.3	1.7	32.0	1349	1321
34 C	1.5	7	0.53	0.6	1.0	0.3	1.7	33.0	1396	1366
35 C	1.5	7	0.53	0.6	1.0	0.3	1.7	33.0	1418	1388
36 C	1.5	7	0.53	0.6	1.0	0.3	1.7	33.0	1440	1410
37 C	1.5	7	0.53	0.6	1.0	0.3	1.7	33.0	1462	1432
38 C	1.5	7	0.53	0.6	1.0	0.3	1.8	34.5	1526	1495
39 C	1.5	7	0.53	0.6	1.0	0.3	1.8	34.5	1548	1517
40 C	1.5	7	0.53	0.6	1.0	0.3	1.8	34.5	1570	1539
41 C	1.5	7	0.53	0.6	1.0	0.3	1.8	36.0	1621	1589
42 C	1.5	7	0.53	0.6	1.0	0.3	1.8	36.0	1643	1611
43 C	1.5	7	0.53	0.6	1.0	0.3	1.8	36.0	1665	1633
44 C	1.5	7	0.53	0.6	1.0	0.3	1.9	37.0	1731	1698
45 C	1.5	7	0.53	0.6	1.0	0.3	1.9	37.0	1753	1720
46 C	1.5	7	0.53	0.6	1.0	0.3	1.9	37.0	1775	1742
47 C	1.5	7	0.53	0.6	1.0	0.3	1.9	37.0	1797	1764
48 C	1.5	7	0.53	0.6	1.0	0.3	1.9	37.5	1831	1797
52 C	1.5	7	0.53	0.6	1.2	0.3	1.9	39.0	1980	1945
61 C	1.5	7	0.53	0.6	1.2	0.3	2.0	41.5	2247	2210

2.5 SQ MM XLPE INSULATED, OVERALL COPPER BRAIDED SHIELD ARMOURED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150 / 250 V (300 V)

DIMENSIONS & WEIGHT

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
2 C	2.5	7	0.67	0.6	1.0	0.2	1.1	14.0	243	235
3 C	2.5	7	0.67	0.6	1.0	0.2	1.2	15.0	293	285
4 C	2.5	7	0.67	0.6	1.0	0.2	1.2	16.0	341	332
5 C	2.5	7	0.67	0.6	1.0	0.2	1.2	17.0	392	383
6 C	2.5	7	0.67	0.6	1.0	0.3	1.3	19.0	504	488
7 C	2.5	7	0.67	0.6	1.0	0.3	1.3	19.0	535	519
8 C	2.5	7	0.67	0.6	1.0	0.3	1.4	21.0	612	595
9 C	2.5	7	0.67	0.6	1.0	0.3	1.4	22.5	673	653

No. of Core	Cross Sectional Area (Sq mm)	No. of Strands in Conductor Class 2	Nomonal Dia of each strands	Nominal Thickness of Insulation	Approx. Thickness of Inner Sheath	ARMOUR Braid Wire Diameter	Nominal Thickness Outer Sheath	Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
			mm	mm	mm	mm	mm	mm	kg/km	kg/km
10 C	2.5	7	0.67	0.6	1.0	0.3	1.4	21.0	679	661
11 C	2.5	7	0.67	0.6	1.0	0.3	1.4	21.0	711	693
12 C	2.5	7	0.67	0.6	1.0	0.3	1.5	22.0	768	750
13 C	2.5	7	0.67	0.6	1.0	0.3	1.5	25.0	861	839
14 C	2.5	7	0.67	0.6	1.0	0.3	1.5	25.0	892	871
15 C	2.5	7	0.67	0.6	1.0	0.3	1.5	26.0	949	926
16 C	2.5	7	0.67	0.6	1.0	0.3	1.5	26.0	980	957
17 C	2.5	7	0.67	0.6	1.0	0.3	1.6	27.5	1050	1025
18 C	2.5	7	0.67	0.6	1.0	0.3	1.6	27.5	1081	1057
19 C	2.5	7	0.67	0.6	1.0	0.3	1.6	27.5	1112	1088
20 C	2.5	7	0.67	0.6	1.0	0.3	1.6	29.0	1172	1146
21 C	2.5	7	0.67	0.6	1.0	0.3	1.6	29.0	1203	1178
22 C	2.5	7	0.67	0.6	1.0	0.3	1.7	30.5	1279	1252
23 C	2.5	7	0.67	0.6	1.0	0.3	1.7	30.5	1310	1283
24 C	2.5	7	0.67	0.6	1.0	0.3	1.7	32.0	1372	1344
25 C	2.5	7	0.67	0.6	1.0	0.3	1.7	32.0	1403	1375
26 C	2.5	7	0.67	0.6	1.0	0.3	1.7	32.0	1435	1406
27 C	2.5	7	0.67	0.6	1.0	0.3	1.7	32.5	1479	1450
28 C	2.5	7	0.67	0.6	1.0	0.3	1.8	33.5	1548	1518
29 C	2.5	7	0.67	0.6	1.0	0.3	1.8	33.5	1579	1549
30 C	2.5	7	0.67	0.6	1.0	0.3	1.8	33.5	1611	1581
31 C	2.5	7	0.67	0.6	1.0	0.3	1.8	35.0	1669	1638
32 C	2.5	7	0.67	0.6	1.0	0.3	1.8	35.0	1700	1669
33 C	2.5	7	0.67	0.6	1.0	0.3	1.8	35.0	1732	1701
34 C	2.5	7	0.67	0.6	1.0	0.3	1.8	36.0	1790	1758
35 C	2.5	7	0.67	0.6	1.0	0.3	1.8	36.0	1821	1789
36 C	2.5	7	0.67	0.6	1.0	0.3	1.8	36.0	1853	1820
37 C	2.5	7	0.67	0.6	1.0	0.3	1.8	36.0	1884	1852
38 C	2.5	7	0.67	0.6	1.0	0.3	1.9	37.5	1964	1930
39 C	2.5	7	0.67	0.6	1.0	0.3	1.9	37.5	1996	1962
40 C	2.5	7	0.67	0.6	1.0	0.3	1.9	37.5	2027	1993
41 C	2.5	7	0.67	0.6	1.2	0.3	1.9	39.5	2126	2091
42 C	2.5	7	0.67	0.6	1.2	0.3	1.9	39.5	2157	2122
43 C	2.5	7	0.67	0.6	1.2	0.3	1.9	39.5	2189	2153
44 C	2.5	7	0.67	0.6	1.2	0.3	2.0	41.0	2272	2235
45 C	2.5	7	0.67	0.6	1.2	0.3	2.0	41.0	2304	2267
46 C	2.5	7	0.67	0.6	1.2	0.3	2.0	41.0	2335	2298
47 C	2.5	7	0.67	0.6	1.2	0.3	2.0	41.0	2366	2329
48 C	2.5	7	0.67	0.6	1.2	0.3	2.0	41.5	2412	2375
52 C	2.5	7	0.67	0.6	1.2	0.3	2.0	42.5	2562	2523
61 C	2.5	7	0.67	0.6	1.2	0.4	2.1	45.5	3051	2996

INSTRUMENTATION CABLES INDIVIDUAL SHEILDED

RATED OPERATING VOLTAGE : 150/250 V (300 V)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 376

INDIVIDUAL PAIR OR TRIAD SCREENED : TYPE I

CONDUCTOR MATERIAL : Stranded, annealed, tinned copper class 2 as per IEC 60228

INSULATION MATERIAL : EPDM Insulation

SHEILDING of individual unit : Cores twisted to form a pair or triad and shielded with lapped Mylar backed aluminium tape, Each unit provided with a stranded, tinned copper drain wire

INNER COVER MATERIAL : Halogen Free, FR Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359

ARMOUR/ BRAIDING MATERIAL : Annealed Tinned Copper Wire, Option GI wire, SS wire or bronze wire

OUTER SHEATH MATERIAL : Halogen Free, FR Polyolefin SHF1 or SHF2 compound as per IEC 60092-359, Optional compounds FR PCP or CSP or PVC

EPDM INSULATED, INDIVIDUALY ALMYLAR SHIELDED, BRAIDED ARMOURED , HALOGEN FREE FR SHEATHED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150/250 (300) Volts

DIMENSIONS & WEIGHT

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor Class-2	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P X 0.5	0.5	7	0.30	0.6	1.0	0.2	1.0	11.0	161	155
2 P X 0.5	0.5	7	0.30	0.6	1.0	0.2	1.2	14.5	252	244
3 P X 0.5	0.5	7	0.30	0.6	1.0	0.2	1.2	15.0	288	280
4 P X 0.5	0.5	7	0.30	0.6	1.0	0.2	1.2	16.5	338	329
5 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.3	17.5	434	419
6 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.3	18.0	472	457
7 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.3	18.5	510	494
8 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.4	20.5	584	567
9 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.4	21.5	626	608
10 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.5	23.5	703	682
11 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.5	23.5	735	714
12 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.5	24.0	773	752
13 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.5	25.0	822	800
14 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.5	25.5	856	834
15 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.6	26.0	907	884
16 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.6	27.0	950	926
17 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.6	27.5	988	964
18 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.6	27.5	1022	998
19 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.6	28.0	1055	1030
20 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.7	29.0	1113	1088
21 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.7	29.5	1152	1126

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor Class-2	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
22 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.7	30.0	1195	1169
23 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.7	30.5	1234	1207
24 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.7	31.5	1280	1252
25 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.7	32.0	1323	1295
26 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.7	32.5	1357	1329
27 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.8	33.0	1411	1382
30 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.8	34.0	1517	1487
32 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.8	35.5	1611	1579
37 P X 0.5	0.5	7	0.30	0.6	1.2	0.3	1.9	38.0	1846	1812
40 P X 0.5	0.5	7	0.30	0.6	1.2	0.3	1.9	40.0	1978	1942
44 P X 0.5	0.5	7	0.30	0.6	1.2	0.3	2.0	41.5	2132	2095
48 P X 0.5	0.5	7	0.30	0.6	1.2	0.3	2.1	42.0	2279	2241
50 P X 0.5	0.5	7	0.30	0.6	1.2	0.3	2.1	42.5	2342	2304
1 P X 0.75	0.75	7	0.37	0.6	1.0	0.2	1.0	11.5	173	167
2 P X 0.75	0.75	7	0.37	0.6	1.0	0.2	1.2	15.0	276	268
3 P X 0.75	0.75	7	0.37	0.6	1.0	0.2	1.2	15.5	318	309
4 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	18.0	432	417
5 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	18.5	482	466
6 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	19.0	526	509
7 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	19.5	571	555
8 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	22.0	654	635
9 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	23.0	715	695
10 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	24.5	789	767
11 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	25.0	827	805
12 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	25.5	873	851
13 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	26.5	940	917
14 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	27.0	980	957
15 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	27.5	1027	1003
16 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	28.5	1078	1053
17 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	29.0	1136	1110
18 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	29.5	1176	1150
19 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	29.5	1214	1188
20 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	30.5	1268	1241
21 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	31.0	1312	1285
22 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	32.0	1378	1350
23 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	32.5	1423	1394
24 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	33.5	1477	1448
25 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	34.0	1529	1499
26 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	34.5	1567	1537
27 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	35.0	1614	1583
30 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	36.5	1757	1724
32 P X 0.75	0.75	7	0.37	0.6	1.2	0.3	1.9	38.5	1904	1870
37 P X 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	40.5	2136	2100
40 P X 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	43.0	2291	2253
44 P X 0.75	0.75	7	0.37	0.6	1.2	0.4	2.1	44.5	2597	2544
48 P X 0.75	0.75	7	0.37	0.6	1.2	0.4	2.2	45.5	2775	2720
50 P X 0.75	0.75	7	0.37	0.6	1.2	0.4	2.2	46.0	2850	2795

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor Class-2	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P X 1	1	7	0.43	0.6	1.0	0.2	1.1	12.0	191	185
2 P X 1	1	7	0.43	0.6	1.0	0.2	1.2	16.0	300	291
3 P X 1	1	7	0.43	0.6	1.0	0.2	1.2	16.5	347	338
4 P X 1	1	7	0.43	0.6	1.0	0.3	1.3	18.5	472	456
5 P X 1	1	7	0.43	0.6	1.0	0.3	1.3	19.5	529	513
6 P X 1	1	7	0.43	0.6	1.0	0.3	1.4	20.0	588	571
7 P X 1	1	7	0.43	0.6	1.0	0.3	1.4	21.0	640	622
8 P X 1	1	7	0.43	0.6	1.0	0.3	1.5	23.0	734	714
9 P X 1	1	7	0.43	0.6	1.0	0.3	1.5	24.0	791	770
10 P X 1	1	7	0.43	0.6	1.0	0.3	1.5	26.0	875	852
11 P X 1	1	7	0.43	0.6	1.0	0.3	1.5	26.0	919	896
12 P X 1	1	7	0.43	0.6	1.0	0.3	1.6	27.0	983	960
13 P X 1	1	7	0.43	0.6	1.0	0.3	1.6	28.0	1049	1024
14 P X 1	1	7	0.43	0.6	1.0	0.3	1.6	28.5	1095	1070
15 P X 1	1	7	0.43	0.6	1.0	0.3	1.7	29.5	1161	1135
16 P X 1	1	7	0.43	0.6	1.0	0.3	1.7	30.0	1218	1191
17 P X 1	1	7	0.43	0.6	1.0	0.3	1.7	30.5	1271	1243
18 P X 1	1	7	0.43	0.6	1.0	0.3	1.7	31.0	1317	1289
19 P X 1	1	7	0.43	0.6	1.0	0.3	1.7	31.5	1363	1335
20 P X 1	1	7	0.43	0.6	1.0	0.3	1.8	32.5	1437	1408
21 P X 1	1	7	0.43	0.6	1.0	0.3	1.8	33.0	1488	1459
22 P X 1	1	7	0.43	0.6	1.0	0.3	1.8	34.0	1548	1518
23 P X 1	1	7	0.43	0.6	1.0	0.3	1.8	34.5	1601	1570
24 P X 1	1	7	0.43	0.6	1.0	0.3	1.9	35.5	1677	1645
25 P X 1	1	7	0.43	0.6	1.0	0.3	1.9	36.5	1735	1703
26 P X 1	1	7	0.43	0.6	1.0	0.3	1.9	36.5	1781	1748
27 P X 1	1	7	0.43	0.6	1.2	0.3	1.9	37.5	1872	1839
30 P X 1	1	7	0.43	0.6	1.2	0.3	1.9	39.0	2019	1984
32 P X 1	1	7	0.43	0.6	1.2	0.3	2.0	41.0	2165	2128
37 P X 1	1	7	0.43	0.6	1.2	0.3	2.0	43.0	2411	2372
40 P X 1	1	7	0.43	0.6	1.2	0.4	2.1	46.0	2736	2680
44 P X 1	1	7	0.43	0.6	1.2	0.4	2.2	47.5	2949	2891
48 P X 1	1	7	0.43	0.6	1.2	0.4	2.2	48.5	3132	3073
50 P X 1	1	7	0.43	0.6	1.2	0.4	2.2	48.5	3219	3160
1 P X 1.5	1.5	7	0.53	0.7	1.0	0.2	1.1	13.0	222	215
2 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.3	18.5	415	400
3 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.3	19.0	481	465
4 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.4	21.0	578	561
5 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.4	22.0	655	636
6 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.5	22.5	731	712
7 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.5	23.5	800	780
8 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.6	26.0	916	894
9 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.7	27.0	1004	981
10 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.7	29.5	1111	1085
11 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.7	30.0	1172	1145
12 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.7	30.5	1241	1214
13 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	32.0	1340	1312
14 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	32.5	1400	1371
15 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	33.0	1470	1440
16 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	34.0	1546	1515

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor Class-2	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
17 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.9	35.0	1631	1600
18 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.9	35.5	1692	1660
19 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.9	36.0	1754	1723
20 P X 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	37.5	1885	1852
21 P X 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	38.0	1956	1922
22 P X 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	39.0	2034	1999
23 P X 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	40.0	2105	2069
24 P X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.1	41.5	2318	2268
25 P X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.1	42.5	2399	2348
26 P X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.1	43.0	2464	2412
27 P X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.1	43.5	2534	2482
30 P X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	45.0	2754	2700
32 P X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	47.5	2930	2872
37 P X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.3	50.5	3339	3278
40 P X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.4	53.5	3605	3540
44 P X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.5	55.0	3883	3816
48 P X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.6	56.0	4156	4088
50 P X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.6	56.5	4272	4204
1 P X 2.5	2.5	7	0.67	0.7	1.0	0.2	1.1	14.0	258	250
2 P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.4	20.0	496	479
3 P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.4	20.5	588	571
4 P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.4	22.5	704	685
5 P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.5	24.0	814	793
6 P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.6	25.0	918	897
7 P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.6	25.5	1009	987
8 P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.7	28.5	1157	1133
9 P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.8	29.5	1271	1245
10 P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.8	32.5	1409	1380
11 P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.8	33.0	1494	1465
12 P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.8	33.5	1586	1556
13 P X 2.5	2.5	7	0.67	0.7	1.2	0.3	1.9	35.5	1750	1718
14 P X 2.5	2.5	7	0.67	0.7	1.2	0.3	1.9	36.0	1833	1801
15 P X 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	37.0	1945	1912
16 P X 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	38.0	2049	2015
17 P X 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	39.0	2144	2109
18 P X 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	39.5	2230	2195
19 P X 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	39.5	2316	2280
20 P X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.1	41.5	2553	2504
21 P X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.1	42.5	2652	2601
22 P X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	43.5	2778	2726
23 P X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	44.5	2877	2824
24 P X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	45.5	3005	2950
25 P X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	47.0	3113	3057
26 P X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	47.0	3200	3144
27 P X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	48.0	3299	3242
30 P X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.4	50.0	3644	3583
32 P X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.4	53.0	3878	3813
37 P X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.5	55.5	4362	4294
40 P X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.6	59.0	4712	4640
44 P X 2.5	2.5	7	0.67	0.7	1.6	0.4	2.7	61.0	5151	5076

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor Class-2	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
48 P X 2.5	2.5	7	0.67	0.7	1.6	0.4	2.8	62.5	5519	5443
50 P X 2.5	2.5	7	0.67	0.7	1.6	0.4	2.8	62.5	5684	5607
1 T X 0.5	0.5	7	0.30	0.6	1.0	0.2	1.0	11.0	166	161
2 T X 0.5	0.5	7	0.30	0.6	1.0	0.2	1.2	16.0	293	284
3 T X 0.5	0.5	7	0.30	0.6	1.0	0.2	1.2	16.5	343	334
4 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.3	18.5	462	446
5 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.3	20.0	527	510
6 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.4	21.5	603	584
7 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.4	21.5	640	621
8 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.5	24.0	734	713
9 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.5	26.0	809	787
10 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.5	26.5	866	842
11 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.5	26.5	902	879
12 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.6	27.5	969	945
13 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.6	29.0	1034	1009
14 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.6	29.0	1071	1046
15 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.7	30.5	1153	1126
16 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.7	30.5	1190	1163
17 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.7	32.0	1258	1229
18 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.7	32.0	1295	1266
19 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.7	32.0	1332	1303
20 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.8	34.0	1422	1392
21 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.8	34.0	1459	1429
22 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.8	35.5	1532	1500
23 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.8	35.5	1569	1537
24 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.9	37.5	1662	1628
25 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.9	37.5	1699	1665
26 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.9	37.5	1736	1702
27 T X 0.5	0.5	7	0.30	0.6	1.2	0.3	1.9	38.5	1827	1793
30 T X 0.5	0.5	7	0.30	0.6	1.2	0.3	1.9	40.0	1970	1934
32 T X 0.5	0.5	7	0.30	0.6	1.2	0.3	2.0	41.5	2096	2059
37 T X 0.5	0.5	7	0.30	0.6	1.2	0.3	2.0	43.0	2318	2279
40 T X 0.5	0.5	7	0.30	0.6	1.2	0.4	2.1	45.0	2615	2560
44 T X 0.5	0.5	7	0.30	0.6	1.2	0.4	2.2	48.5	2877	2818
48 T X 0.5	0.5	7	0.30	0.6	1.2	0.4	2.2	49.5	3045	2985
50 T X 0.5	0.5	7	0.30	0.6	1.2	0.4	2.2	49.5	3119	3058
1 T X 0.75	0.75	7	0.37	0.6	1.0	0.2	1.1	11.5	187	181
2 T X 0.75	0.75	7	0.37	0.6	1.0	0.2	1.2	16.5	324	315
3 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	18.0	442	427
4 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	19.5	517	500
5 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	21.5	603	584
6 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	23.0	682	662
7 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	23.0	727	707
8 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	25.5	835	812
9 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	27.5	931	907
10 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	28.5	1001	976
11 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	28.5	1046	1021
12 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	29.5	1109	1083
13 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	31.0	1200	1172

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor Class-2	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
14 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	31.0	1245	1218
15 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	32.5	1324	1295
16 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	32.5	1370	1341
17 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	34.5	1467	1436
18 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	34.5	1512	1482
19 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	34.5	1558	1527
20 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	36.0	1644	1612
21 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	36.0	1690	1657
22 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	38.0	1794	1759
23 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	38.0	1839	1805
24 T X 0.75	0.75	7	0.37	0.6	1.2	0.3	1.9	40.0	1964	1928
25 T X 0.75	0.75	7	0.37	0.6	1.2	0.3	1.9	40.0	2010	1974
26 T X 0.75	0.75	7	0.37	0.6	1.2	0.3	1.9	40.0	2055	2019
27 T X 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	41.0	2139	2102
30 T X 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	42.5	2310	2272
32 T X 0.75	0.75	7	0.37	0.6	1.2	0.4	2.1	45.0	2584	2530
37 T X 0.75	0.75	7	0.37	0.6	1.2	0.4	2.1	46.5	2856	2800
40 T X 0.75	0.75	7	0.37	0.6	1.2	0.4	2.2	48.5	3065	3006
44 T X 0.75	0.75	7	0.37	0.6	1.2	0.4	2.3	52.0	3374	3310
48 T X 0.75	0.75	7	0.37	0.6	1.4	0.4	2.3	53.5	3632	3567
50 T X 0.75	0.75	7	0.37	0.6	1.4	0.4	2.3	53.5	3723	3658
1 T X 1	1	7	0.43	0.6	1.0	0.2	1.1	12.0	203	197
2 T X 1	1	7	0.43	0.6	1.0	0.3	1.3	18.0	414	399
3 T X 1	1	7	0.43	0.6	1.0	0.3	1.3	19.0	487	471
4 T X 1	1	7	0.43	0.6	1.0	0.3	1.3	20.5	572	554
5 T X 1	1	7	0.43	0.6	1.0	0.3	1.4	22.5	669	649
6 T X 1	1	7	0.43	0.6	1.0	0.3	1.5	24.5	770	749
7 T X 1	1	7	0.43	0.6	1.0	0.3	1.5	24.5	824	803
8 T X 1	1	7	0.43	0.6	1.0	0.3	1.5	27.0	934	910
9 T X 1	1	7	0.43	0.6	1.0	0.3	1.6	29.0	1044	1018
10 T X 1	1	7	0.43	0.6	1.0	0.3	1.6	30.0	1122	1095
11 T X 1	1	7	0.43	0.6	1.0	0.3	1.6	30.0	1176	1149
12 T X 1	1	7	0.43	0.6	1.0	0.3	1.7	31.5	1264	1236
13 T X 1	1	7	0.43	0.6	1.0	0.3	1.7	33.0	1352	1323
14 T X 1	1	7	0.43	0.6	1.0	0.3	1.7	33.0	1406	1377
15 T X 1	1	7	0.43	0.6	1.0	0.3	1.8	34.5	1512	1481
16 T X 1	1	7	0.43	0.6	1.0	0.3	1.8	34.5	1566	1535
17 T X 1	1	7	0.43	0.6	1.0	0.3	1.8	36.5	1661	1628
18 T X 1	1	7	0.43	0.6	1.0	0.3	1.8	36.5	1715	1682
19 T X 1	1	7	0.43	0.6	1.0	0.3	1.8	36.5	1769	1736
20 T X 1	1	7	0.43	0.6	1.0	0.3	1.9	38.5	1882	1847
21 T X 1	1	7	0.43	0.6	1.0	0.3	1.9	38.5	1936	1901
22 T X 1	1	7	0.43	0.6	1.2	0.3	2.0	41.0	2096	2059
23 T X 1	1	7	0.43	0.6	1.2	0.3	2.0	41.0	2150	2113
24 T X 1	1	7	0.43	0.6	1.2	0.3	2.0	43.0	2251	2212
25 T X 1	1	7	0.43	0.6	1.2	0.3	2.0	43.0	2305	2266
26 T X 1	1	7	0.43	0.6	1.2	0.3	2.0	43.0	2359	2320
27 T X 1	1	7	0.43	0.6	1.2	0.3	2.0	43.5	2433	2393
30 T X 1	1	7	0.43	0.6	1.2	0.4	2.1	46.0	2782	2726
32 T X 1	1	7	0.43	0.6	1.2	0.4	2.2	48.0	2959	2901

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor Class-2	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
37 T X 1	1	7	0.43	0.6	1.2	0.4	2.2	49.5	3278	3218
40 T X 1	1	7	0.43	0.6	1.2	0.4	2.3	51.5	3518	3455
44 T X 1	1	7	0.43	0.6	1.4	0.4	2.4	56.0	3926	3858
48 T X 1	1	7	0.43	0.6	1.4	0.4	2.4	57.0	4170	4100
50 T X 1	1	7	0.43	0.6	1.4	0.4	2.4	57.0	4278	4208
1 T X 1.5	1.5	7	0.53	0.7	1.0	0.2	1.1	13.0	242	235
2 T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.4	20.5	506	489
3 T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.4	21.5	604	586
4 T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.4	23.5	716	696
5 T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.5	25.5	841	819
6 T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.6	27.5	973	949
7 T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.6	27.5	1048	1024
8 T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.7	31.0	1203	1175
9 T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	33.5	1346	1317
10 T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	34.5	1451	1420
11 T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	34.5	1526	1495
12 T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	36.0	1625	1593
13 T X 1.5	1.5	7	0.53	0.7	1.2	0.3	1.9	38.0	1795	1760
14 T X 1.5	1.5	7	0.53	0.7	1.2	0.3	1.9	38.0	1869	1835
15 T X 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	40.5	2011	1975
16 T X 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	40.5	2086	2050
17 T X 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	42.5	2210	2172
18 T X 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	42.5	2285	2247
19 T X 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	42.5	2360	2322
20 T X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.1	45.0	2636	2581
21 T X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.1	45.0	2711	2656
22 T X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	47.5	2872	2814
23 T X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	47.5	2947	2889
24 T X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	50.0	3107	3047
25 T X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	50.0	3182	3121
26 T X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	50.0	3257	3196
27 T X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.3	51.5	3416	3353
30 T X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.4	53.5	3715	3650
32 T X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.4	55.5	3926	3858
37 T X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.5	57.5	4387	4317
40 T X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.6	60.0	4707	4634
44 T X 1.5	1.5	7	0.53	0.7	1.6	0.4	2.7	65.5	5245	5165
48 T X 1.5	1.5	7	0.53	0.7	1.6	0.4	2.8	66.5	5608	5526
50 T X 1.5	1.5	7	0.53	0.7	1.6	0.4	2.8	66.5	5757	5676
1 T X 2.5	2.5	7	0.67	0.7	1.0	0.2	1.1	14.0	289	281
2 T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.4	22.0	606	587
3 T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.5	23.5	750	729
4 T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.5	25.5	897	875
5 T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.6	28.0	1065	1040
6 T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.7	30.0	1234	1207
7 T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.7	30.0	1341	1314
8 T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.8	34.0	1540	1509
9 T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.9	36.5	1725	1692
10 T X 2.5	2.5	7	0.67	0.7	1.2	0.3	1.9	38.5	1906	1871

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor Class-2	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
11 T X 2.5	2.5	7	0.67	0.7	1.2	0.3	1.9	38.5	2013	1978
12 T X 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	40.0	2168	2132
13 T X 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	42.0	2322	2284
14 T X 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	42.0	2429	2391
15 T X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.1	45.0	2736	2682
16 T X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.1	45.0	2843	2789
17 T X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	47.5	3037	2979
18 T X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	47.5	3144	3086
19 T X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	47.5	3251	3194
20 T X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	50.0	3452	3392
21 T X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	50.0	3560	3499
22 T X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.4	53.0	3820	3755
23 T X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.4	53.0	3927	3862
24 T X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.5	56.0	4136	4068
25 T X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.5	56.0	4243	4175
26 T X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.5	56.0	4350	4282
27 T X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.5	57.0	4491	4422
30 T X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.6	59.0	4901	4829
32 T X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.7	61.5	5213	5138
37 T X 2.5	2.5	7	0.67	0.7	1.6	0.4	2.7	64.0	5883	5804
40 T X 2.5	2.5	7	0.67	0.7	1.6	0.4	2.8	67.0	6317	6235
44 T X 2.5	2.5	7	0.67	0.7	1.6	0.4	3.0	72.5	6981	6892
48 T X 2.5	2.5	7	0.67	0.7	1.6	0.4	3.0	73.5	7451	7360
50 T X 2.5	2.5	7	0.67	0.7	1.6	0.4	3.0	73.5	7665	7574



INSTRUMENTATION CABLES OVERALL SHEILDED

RATED OPERATING VOLTAGE : 150/250 V (300 V)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 376

CABLE OVERALL SCREENED : TYPE O

CONDUCTOR MATERIAL : Stranded, annealed, tinned copper class 2 as per IEC 60228

INSULATION MATERIAL : EPDM Insulation

LAY UP : Cores twisted to form a pair or triad, Twisted pairs or triads laid up

OVERALL SHEILDING : Overall shielded with lapped Mylar backed aluminium tape provided with a stranded, tinned copper drain wire under the shielding tape

INNER COVER MATERIAL : Halogen Free, FR Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359

ARMOUR / BRAIDING MATERIAL : Annealed Tinned Copper Wire, Option GI wire, SS wire or bronze wire

OUTER SHEATH MATERIAL : Halogen Free, FR Polyolefin SHF1 or SHF2 compound as per IEC 60092-359, Optional compounds FR PCP or CSP or PVC

EPDM INSULATED, OVERALL ALMYLAR SHIELDED, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150/250 (300) Volts

DIMENSIONS & WEIGHT

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor Class-2	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Cable Approx. Net Weight with GI Braided Armour
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P X 0.5	0.50	7	0.30	0.6	1.0	0.2	1.0	11.0	161	155
2 P X 0.5	0.50	7	0.30	0.6	1.0	0.2	1.1	14.5	245	237
3 P X 0.5	0.50	7	0.30	0.6	1.0	0.2	1.2	15.5	279	271
4 P X 0.5	0.50	7	0.30	0.6	1.0	0.2	1.2	16.5	318	309
5 P X 0.5	0.50	7	0.30	0.6	1.0	0.2	1.2	17.0	349	340
6 P X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.3	18.5	435	420
7 P X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.3	18.5	463	447
8 P X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.3	20.5	518	500
9 P X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.4	21.0	559	541
10 P X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.4	23.0	615	595
11 P X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.4	23.0	638	618
12 P X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.4	23.5	666	645
13 P X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.5	24.5	718	696
14 P X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.5	25.0	741	719
15 P X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.5	25.5	771	749
16 P X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.5	26.0	803	780
17 P X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.5	26.5	833	810
18 P X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.5	26.5	856	833
19 P X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.5	27.0	882	858
20 P X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.6	28.0	929	905
21 P X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.6	28.5	957	932

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conduct or Class-2	Conduct or Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Cable Approx. Net Weight with GI Braided Armour
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
22 P X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.6	29.0	992	966
23 P X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.6	29.5	1022	996
24 P X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.7	30.5	1071	1044
25 P X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.7	31.0	1103	1076
26 P X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.7	31.5	1129	1101
27 P X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.7	31.5	1157	1129
30 P X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.7	32.5	1237	1208
32 P X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.8	34.5	1327	1297
37 P X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.8	36.0	1459	1427
40 P X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.9	38.0	1576	1542
44 P X 0.5	0.50	7	0.30	0.6	1.2	0.3	1.9	39.5	1712	1677
48 P X 0.5	0.50	7	0.30	0.6	1.2	0.3	2.0	40.5	1823	1787
50 P X 0.5	0.50	7	0.30	0.6	1.2	0.3	2.0	40.5	1869	1832
1 P X 0.75	0.75	7	0.37	0.6	1.0	0.2	1.0	11.5	173	167
2 P X 0.75	0.75	7	0.37	0.6	1.0	0.2	1.2	15.5	275	267
3 P X 0.75	0.75	7	0.37	0.6	1.0	0.2	1.2	16.0	308	300
4 P X 0.75	0.75	7	0.37	0.6	1.0	0.2	1.2	17.5	356	347
5 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	18.5	452	437
6 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	19.0	488	471
7 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	19.5	522	506
8 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	21.5	595	576
9 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	22.5	635	615
10 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	24.5	710	689
11 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	24.5	738	717
12 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	25.0	774	752
13 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	26.0	820	798
14 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	26.5	851	828
15 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	27.0	899	875
16 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	28.0	939	915
17 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	28.5	975	950
18 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	28.5	1006	981
19 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	29.0	1035	1009
20 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	29.5	1077	1051
21 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	30.0	1113	1087
22 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	31.0	1168	1140
23 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	31.5	1203	1176
24 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	32.5	1246	1218
25 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	33.0	1287	1257
26 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	33.5	1318	1288
27 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	34.0	1369	1339
30 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	35.0	1466	1435
32 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	36.5	1555	1522
37 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	38.5	1737	1702
40 P X 0.75	0.75	7	0.37	0.6	1.2	0.3	1.9	41.0	1899	1862
44 P X 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	42.5	2041	2002
48 P X 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	43.0	2156	2117
50 P X 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	43.5	2212	2172
1 P X 1	1.00	7	0.43	0.6	1.0	0.2	1.1	12.0	191	185
2 P X 1	1.00	7	0.43	0.6	1.0	0.2	1.2	16.0	299	290
3 P X 1	1.00	7	0.43	0.6	1.0	0.2	1.2	16.5	337	328
4 P X 1	1.00	7	0.43	0.6	1.0	0.3	1.3	19.0	452	436
5 P X 1	1.00	7	0.43	0.6	1.0	0.3	1.3	19.5	499	483
6 P X 1	1.00	7	0.43	0.6	1.0	0.3	1.3	20.0	540	522

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conduct or Class-2	Conduct or Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Cable Approx. Net Weight with GI Braided Armour
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
7 P X 1	1.00	7	0.43	0.6	1.0	0.3	1.3	20.5	582	564
8 P X 1	1.00	7	0.43	0.6	1.0	0.3	1.4	23.0	663	643
9 P X 1	1.00	7	0.43	0.6	1.0	0.3	1.5	24.0	721	701
10 P X 1	1.00	7	0.43	0.6	1.0	0.3	1.5	25.5	793	771
11 P X 1	1.00	7	0.43	0.6	1.0	0.3	1.5	26.0	828	805
12 P X 1	1.00	7	0.43	0.6	1.0	0.3	1.5	26.5	871	847
13 P X 1	1.00	7	0.43	0.6	1.0	0.3	1.6	27.5	935	911
14 P X 1	1.00	7	0.43	0.6	1.0	0.3	1.6	28.0	972	947
15 P X 1	1.00	7	0.43	0.6	1.0	0.3	1.6	28.5	1016	990
16 P X 1	1.00	7	0.43	0.6	1.0	0.3	1.6	29.5	1063	1037
17 P X 1	1.00	7	0.43	0.6	1.0	0.3	1.6	30.0	1105	1078
18 P X 1	1.00	7	0.43	0.6	1.0	0.3	1.6	30.0	1141	1114
19 P X 1	1.00	7	0.43	0.6	1.0	0.3	1.6	30.5	1176	1149
20 P X 1	1.00	7	0.43	0.6	1.0	0.3	1.7	31.5	1240	1212
21 P X 1	1.00	7	0.43	0.6	1.0	0.3	1.7	32.0	1282	1253
22 P X 1	1.00	7	0.43	0.6	1.0	0.3	1.7	33.0	1330	1301
23 P X 1	1.00	7	0.43	0.6	1.0	0.3	1.7	33.5	1371	1342
24 P X 1	1.00	7	0.43	0.6	1.0	0.3	1.8	34.5	1438	1407
25 P X 1	1.00	7	0.43	0.6	1.0	0.3	1.8	35.0	1486	1455
26 P X 1	1.00	7	0.43	0.6	1.0	0.3	1.8	35.5	1521	1489
27 P X 1	1.00	7	0.43	0.6	1.0	0.3	1.8	36.0	1565	1533
30 P X 1	1.00	7	0.43	0.6	1.0	0.3	1.9	37.5	1697	1664
32 P X 1	1.00	7	0.43	0.6	1.2	0.3	1.9	39.5	1840	1804
37 P X 1	1.00	7	0.43	0.6	1.2	0.3	2.0	41.5	2056	2018
40 P X 1	1.00	7	0.43	0.6	1.2	0.3	2.0	44.0	2201	2161
44 P X 1	1.00	7	0.43	0.6	1.2	0.4	2.1	45.5	2497	2441
48 P X 1	1.00	7	0.43	0.6	1.2	0.4	2.1	46.5	2639	2582
50 P X 1	1.00	7	0.43	0.6	1.2	0.4	2.1	46.5	2707	2650
1 P X 1.5	1.50	7	0.53	0.7	1.0	0.2	1.1	13.0	222	215
2 P X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.3	18.5	415	399
3 P X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.3	19.0	471	454
4 P X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.3	21.0	548	530
5 P X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.4	22.0	622	603
6 P X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.4	22.5	678	659
7 P X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.4	23.5	737	716
8 P X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.5	25.5	839	817
9 P X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.6	27.0	917	894
10 P X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.6	29.0	1010	984
11 P X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.6	29.5	1060	1034
12 P X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.7	30.5	1133	1106
13 P X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.7	31.5	1204	1176
14 P X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.7	32.0	1256	1228
15 P X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.8	32.5	1328	1299
16 P X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.8	33.5	1394	1364
17 P X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.8	34.5	1452	1421
18 P X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.8	34.5	1501	1471
19 P X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.8	35.0	1552	1520
20 P X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.9	36.0	1635	1603
21 P X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.9	36.5	1692	1660
22 P X 1.5	1.50	7	0.53	0.7	1.2	0.3	1.9	38.0	1798	1763
23 P X 1.5	1.50	7	0.53	0.7	1.2	0.3	1.9	38.5	1856	1821
24 P X 1.5	1.50	7	0.53	0.7	1.2	0.3	2.0	40.0	1942	1906
25 P X 1.5	1.50	7	0.53	0.7	1.2	0.3	2.0	41.0	2010	1974
26 P X 1.5	1.50	7	0.53	0.7	1.2	0.3	2.0	41.0	2061	2024

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conduct or Class-2	Conduct or Nom Dia of each strands	Insulation Nom. Thicknes	Inner Cover Approx. Thicknes	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thicknes	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Cable Approx. Net Weight with GI Braided Armour
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
27 P X 1.5	1.50	7	0.53	0.7	1.2	0.3	2.0	42.0	2119	2082
30 P X 1.5	1.50	7	0.53	0.7	1.2	0.4	2.1	44.0	2424	2371
32 P X 1.5	1.50	7	0.53	0.7	1.2	0.4	2.1	46.0	2573	2518
37 P X 1.5	1.50	7	0.53	0.7	1.2	0.4	2.2	48.5	2877	2818
40 P X 1.5	1.50	7	0.53	0.7	1.2	0.4	2.3	51.0	3103	3041
44 P X 1.5	1.50	7	0.53	0.7	1.4	0.4	2.4	53.0	3391	3326
48 P X 1.5	1.50	7	0.53	0.7	1.4	0.4	2.4	54.0	3594	3528
50 P X 1.5	1.50	7	0.53	0.7	1.4	0.4	2.4	54.5	3689	3623
1 P X 2.5	2.50	7	0.67	0.7	1.0	0.2	1.1	14.0	258	250
2 P X 2.5	2.50	7	0.67	0.7	1.0	0.3	1.3	20.0	484	467
3 P X 2.5	2.50	7	0.67	0.7	1.0	0.3	1.3	20.5	564	546
4 P X 2.5	2.50	7	0.67	0.7	1.0	0.3	1.4	22.5	676	656
5 P X 2.5	2.50	7	0.67	0.7	1.0	0.3	1.5	24.0	771	750
6 P X 2.5	2.50	7	0.67	0.7	1.0	0.3	1.5	24.5	851	830
7 P X 2.5	2.50	7	0.67	0.7	1.0	0.3	1.5	25.5	930	907
8 P X 2.5	2.50	7	0.67	0.7	1.0	0.3	1.6	28.0	1061	1036
9 P X 2.5	2.50	7	0.67	0.7	1.0	0.3	1.7	29.5	1162	1136
10 P X 2.5	2.50	7	0.67	0.7	1.0	0.3	1.7	32.0	1283	1255
11 P X 2.5	2.50	7	0.67	0.7	1.0	0.3	1.7	32.5	1355	1326
12 P X 2.5	2.50	7	0.67	0.7	1.0	0.3	1.8	33.0	1449	1420
13 P X 2.5	2.50	7	0.67	0.7	1.0	0.3	1.8	34.5	1545	1514
14 P X 2.5	2.50	7	0.67	0.7	1.0	0.3	1.8	35.0	1617	1586
15 P X 2.5	2.50	7	0.67	0.7	1.0	0.3	1.9	36.0	1712	1680
16 P X 2.5	2.50	7	0.67	0.7	1.0	0.3	1.9	37.0	1802	1769
17 P X 2.5	2.50	7	0.67	0.7	1.2	0.3	1.9	38.0	1919	1885
18 P X 2.5	2.50	7	0.67	0.7	1.2	0.3	1.9	38.5	1992	1958
19 P X 2.5	2.50	7	0.67	0.7	1.2	0.3	1.9	39.0	2062	2028
20 P X 2.5	2.50	7	0.67	0.7	1.2	0.3	2.0	40.0	2171	2135
21 P X 2.5	2.50	7	0.67	0.7	1.2	0.3	2.0	41.0	2252	2215
22 P X 2.5	2.50	7	0.67	0.7	1.2	0.4	2.1	42.5	2481	2429
23 P X 2.5	2.50	7	0.67	0.7	1.2	0.4	2.1	43.5	2563	2511
24 P X 2.5	2.50	7	0.67	0.7	1.2	0.4	2.2	44.5	2678	2625
25 P X 2.5	2.50	7	0.67	0.7	1.2	0.4	2.2	45.5	2773	2718
26 P X 2.5	2.50	7	0.67	0.7	1.2	0.4	2.2	46.0	2845	2789
27 P X 2.5	2.50	7	0.67	0.7	1.2	0.4	2.2	47.0	2931	2875
30 P X 2.5	2.50	7	0.67	0.7	1.2	0.4	2.3	48.5	3182	3124
32 P X 2.5	2.50	7	0.67	0.7	1.4	0.4	2.3	51.5	3434	3372
37 P X 2.5	2.50	7	0.67	0.7	1.4	0.4	2.4	54.0	3849	3783
40 P X 2.5	2.50	7	0.67	0.7	1.4	0.4	2.4	57.0	4128	4058
44 P X 2.5	2.50	7	0.67	0.7	1.4	0.4	2.6	59.0	4479	4407
48 P X 2.5	2.50	7	0.67	0.7	1.4	0.4	2.6	60.0	4762	4688
50 P X 2.5	2.50	7	0.67	0.7	1.4	0.4	2.6	60.0	4900	4826
1 T X 0.5	0.50	7	0.30	0.6	1.0	0.2	1.0	11.5	177	171
2 T X 0.5	0.50	7	0.30	0.6	1.0	0.2	1.2	16.5	299	290
3 T X 0.5	0.50	7	0.30	0.6	1.0	0.2	1.2	17.0	342	332
4 T X 0.5	0.50	7	0.30	0.6	1.0	0.2	1.2	18.5	392	381
5 T X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.3	20.5	509	491
6 T X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.3	22.0	569	550
7 T X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.3	22.0	597	578
8 T X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.4	24.0	681	660
9 T X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.5	26.0	756	733
10 T X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.5	27.0	807	783
11 T X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.5	27.0	835	811
12 T X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.5	27.5	879	854

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conduct or Class-2	Conduct or Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Cable Approx. Net Weight with GI Braided Armour
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
13 T X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.6	29.0	947	921
14 T X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.6	29.0	975	950
15 T X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.6	30.5	1035	1008
16 T X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.6	30.5	1063	1036
17 T X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.6	32.0	1124	1095
18 T X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.6	32.0	1152	1123
19 T X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.6	32.0	1180	1152
20 T X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.7	33.5	1260	1230
21 T X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.7	33.5	1288	1258
22 T X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.7	35.5	1354	1322
23 T X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.7	35.5	1382	1350
24 T X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.8	37.0	1462	1429
25 T X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.8	37.0	1490	1457
26 T X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.8	37.0	1518	1485
27 T X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.8	37.5	1563	1529
30 T X 0.5	0.50	7	0.30	0.6	1.0	0.3	1.9	39.0	1696	1661
32 T X 0.5	0.50	7	0.30	0.6	1.2	0.3	1.9	41.0	1825	1788
37 T X 0.5	0.50	7	0.30	0.6	1.2	0.3	1.9	42.5	2001	1963
40 T X 0.5	0.50	7	0.30	0.6	1.2	0.3	2.0	44.0	2146	2106
44 T X 0.5	0.50	7	0.30	0.6	1.2	0.4	2.1	48.0	2497	2439
48 T X 0.5	0.50	7	0.30	0.6	1.2	0.4	2.1	48.5	2630	2571
50 T X 0.5	0.50	7	0.30	0.6	1.2	0.4	2.1	48.5	2687	2627
1 T X 0.75	0.75	7	0.37	0.6	1.0	0.2	1.1	12.0	198	191
2 T X 0.75	0.75	7	0.37	0.6	1.0	0.2	1.2	17.5	332	322
3 T X 0.75	0.75	7	0.37	0.6	1.0	0.2	1.2	18.0	383	372
4 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	20.0	507	490
5 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	21.5	575	557
6 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	23.5	654	634
7 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	23.5	691	671
8 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	26.0	789	767
9 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	27.5	866	842
10 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	28.5	925	899
11 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	28.5	961	936
12 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	29.5	1029	1003
13 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	31.0	1095	1067
14 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	31.0	1131	1104
15 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	32.5	1202	1173
16 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	32.5	1238	1209
17 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	34.0	1327	1296
18 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	34.0	1363	1333
19 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	34.0	1400	1369
20 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	36.0	1490	1458
21 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	36.0	1526	1494
22 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	38.0	1605	1571
23 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	38.0	1642	1608
24 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	39.5	1737	1701
25 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	39.5	1773	1737
26 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	39.5	1809	1774
27 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	40.5	1863	1826
30 T X 0.75	0.75	7	0.37	0.6	1.2	0.3	1.9	42.0	2048	2010
32 T X 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	44.0	2179	2139
37 T X 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	45.5	2399	2358
40 T X 0.75	0.75	7	0.37	0.6	1.2	0.4	2.1	48.0	2707	2649

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conduct or Class-2	Conduct or Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Cable Approx. Net Weight with GI Braided Armour
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
44 T X 0.75	0.75	7	0.37	0.6	1.2	0.4	2.2	51.5	2975	2912
48 T X 0.75	0.75	7	0.37	0.6	1.2	0.4	2.2	52.0	3144	3080
50 T X 0.75	0.75	7	0.37	0.6	1.2	0.4	2.2	52.0	3217	3153
1 T X 1	1.00	7	0.43	0.6	1.0	0.2	1.1	12.5	214	207
2 T X 1	1.00	7	0.43	0.6	1.0	0.2	1.2	18.0	363	353
3 T X 1	1.00	7	0.43	0.6	1.0	0.3	1.3	19.5	486	470
4 T X 1	1.00	7	0.43	0.6	1.0	0.3	1.3	21.0	561	543
5 T X 1	1.00	7	0.43	0.6	1.0	0.3	1.4	23.0	650	630
6 T X 1	1.00	7	0.43	0.6	1.0	0.3	1.4	24.5	730	709
7 T X 1	1.00	7	0.43	0.6	1.0	0.3	1.4	24.5	775	753
8 T X 1	1.00	7	0.43	0.6	1.0	0.3	1.5	27.0	886	862
9 T X 1	1.00	7	0.43	0.6	1.0	0.3	1.5	29.0	976	950
10 T X 1	1.00	7	0.43	0.6	1.0	0.3	1.6	30.5	1059	1032
11 T X 1	1.00	7	0.43	0.6	1.0	0.3	1.6	30.5	1103	1076
12 T X 1	1.00	7	0.43	0.6	1.0	0.3	1.6	31.5	1166	1138
13 T X 1	1.00	7	0.43	0.6	1.0	0.3	1.7	33.0	1258	1229
14 T X 1	1.00	7	0.43	0.6	1.0	0.3	1.7	33.0	1303	1273
15 T X 1	1.00	7	0.43	0.6	1.0	0.3	1.7	34.5	1384	1353
16 T X 1	1.00	7	0.43	0.6	1.0	0.3	1.7	34.5	1429	1398
17 T X 1	1.00	7	0.43	0.6	1.0	0.3	1.8	36.5	1530	1497
18 T X 1	1.00	7	0.43	0.6	1.0	0.3	1.8	36.5	1574	1542
19 T X 1	1.00	7	0.43	0.6	1.0	0.3	1.8	36.5	1619	1586
20 T X 1	1.00	7	0.43	0.6	1.0	0.3	1.8	38.0	1706	1672
21 T X 1	1.00	7	0.43	0.6	1.0	0.3	1.8	38.0	1751	1717
22 T X 1	1.00	7	0.43	0.6	1.0	0.3	1.9	40.5	1859	1823
23 T X 1	1.00	7	0.43	0.6	1.0	0.3	1.9	40.5	1904	1867
24 T X 1	1.00	7	0.43	0.6	1.2	0.3	1.9	42.5	2034	1996
25 T X 1	1.00	7	0.43	0.6	1.2	0.3	1.9	42.5	2079	2040
26 T X 1	1.00	7	0.43	0.6	1.2	0.3	1.9	42.5	2124	2085
27 T X 1	1.00	7	0.43	0.6	1.2	0.3	2.0	43.5	2211	2171
30 T X 1	1.00	7	0.43	0.6	1.2	0.3	2.0	45.0	2381	2340
32 T X 1	1.00	7	0.43	0.6	1.2	0.3	2.1	47.0	2532	2490
37 T X 1	1.00	7	0.43	0.6	1.2	0.4	2.1	49.0	2937	2877
40 T X 1	1.00	7	0.43	0.6	1.2	0.4	2.2	51.0	3147	3084
44 T X 1	1.00	7	0.43	0.6	1.2	0.4	2.3	55.0	3459	3392
48 T X 1	1.00	7	0.43	0.6	1.4	0.4	2.3	56.0	3721	3652
50 T X 1	1.00	7	0.43	0.6	1.4	0.4	2.3	56.0	3810	3741
1 T X 1.5	1.50	7	0.53	0.7	1.0	0.2	1.1	13.5	253	245
2 T X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.3	21.0	505	487
3 T X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.4	22.0	603	584
4 T X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.4	24.0	705	684
5 T X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.5	26.0	820	798
6 T X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.5	28.0	929	905
7 T X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.5	28.0	994	969
8 T X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.6	31.0	1139	1112
9 T X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.7	33.5	1272	1242
10 T X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.7	35.0	1366	1335
11 T X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.7	35.0	1431	1399
12 T X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.8	36.0	1535	1503
13 T X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.8	37.5	1640	1606
14 T X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.8	37.5	1704	1670
15 T X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.9	40.0	1832	1796

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conduct or Class-2	Conduct or Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Cable Approx. Net Weight with GI Braided Armour
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
16 T X 1.5	1.50	7	0.53	0.7	1.0	0.3	1.9	40.0	1896	1860
17 T X 1.5	1.50	7	0.53	0.7	1.2	0.3	1.9	42.0	2049	2010
18 T X 1.5	1.50	7	0.53	0.7	1.2	0.3	1.9	42.0	2113	2075
19 T X 1.5	1.50	7	0.53	0.7	1.2	0.3	1.9	42.0	2177	2139
20 T X 1.5	1.50	7	0.53	0.7	1.2	0.3	2.0	44.5	2317	2277
21 T X 1.5	1.50	7	0.53	0.7	1.2	0.3	2.0	44.5	2382	2341
22 T X 1.5	1.50	7	0.53	0.7	1.2	0.4	2.1	47.5	2657	2599
23 T X 1.5	1.50	7	0.53	0.7	1.2	0.4	2.1	47.5	2721	2664
24 T X 1.5	1.50	7	0.53	0.7	1.2	0.4	2.2	50.0	2872	2812
25 T X 1.5	1.50	7	0.53	0.7	1.2	0.4	2.2	50.0	2937	2876
26 T X 1.5	1.50	7	0.53	0.7	1.2	0.4	2.2	50.0	3001	2941
27 T X 1.5	1.50	7	0.53	0.7	1.2	0.4	2.2	51.0	3095	3033
30 T X 1.5	1.50	7	0.53	0.7	1.2	0.4	2.3	52.5	3362	3298
32 T X 1.5	1.50	7	0.53	0.7	1.4	0.4	2.3	55.0	3603	3536
37 T X 1.5	1.50	7	0.53	0.7	1.4	0.4	2.4	57.0	4013	3943
40 T X 1.5	1.50	7	0.53	0.7	1.4	0.4	2.5	59.5	4300	4227
44 T X 1.5	1.50	7	0.53	0.7	1.4	0.4	2.6	64.0	4726	4647
48 T X 1.5	1.50	7	0.53	0.7	1.4	0.4	2.6	65.0	5016	4936
50 T X 1.5	1.50	7	0.53	0.7	1.4	0.4	2.6	65.0	5145	5065
1 T X 2.5	2.50	7	0.67	0.7	1.0	0.2	1.1	14.5	299	291
2 T X 2.5	2.50	7	0.67	0.7	1.0	0.3	1.4	22.5	613	593
3 T X 2.5	2.50	7	0.67	0.7	1.0	0.3	1.4	24.0	733	712
4 T X 2.5	2.50	7	0.67	0.7	1.0	0.3	1.5	26.0	880	858
5 T X 2.5	2.50	7	0.67	0.7	1.0	0.3	1.5	28.0	1019	994
6 T X 2.5	2.50	7	0.67	0.7	1.0	0.3	1.6	30.5	1178	1151
7 T X 2.5	2.50	7	0.67	0.7	1.0	0.3	1.6	30.5	1272	1245
8 T X 2.5	2.50	7	0.67	0.7	1.0	0.3	1.7	34.0	1457	1427
9 T X 2.5	2.50	7	0.67	0.7	1.0	0.3	1.8	37.0	1628	1595
10 T X 2.5	2.50	7	0.67	0.7	1.0	0.3	1.9	38.5	1773	1738
11 T X 2.5	2.50	7	0.67	0.7	1.0	0.3	1.9	38.5	1867	1832
12 T X 2.5	2.50	7	0.67	0.7	1.2	0.3	1.9	40.0	2030	1994
13 T X 2.5	2.50	7	0.67	0.7	1.2	0.3	2.0	42.0	2191	2153
14 T X 2.5	2.50	7	0.67	0.7	1.2	0.3	2.0	42.0	2285	2247
15 T X 2.5	2.50	7	0.67	0.7	1.2	0.3	2.0	44.0	2433	2392
16 T X 2.5	2.50	7	0.67	0.7	1.2	0.3	2.0	44.0	2527	2486
17 T X 2.5	2.50	7	0.67	0.7	1.2	0.4	2.1	47.0	2830	2773
18 T X 2.5	2.50	7	0.67	0.7	1.2	0.4	2.1	47.0	2924	2867
19 T X 2.5	2.50	7	0.67	0.7	1.2	0.4	2.1	47.0	3018	2961
20 T X 2.5	2.50	7	0.67	0.7	1.2	0.4	2.2	50.0	3207	3147
21 T X 2.5	2.50	7	0.67	0.7	1.2	0.4	2.2	50.0	3301	3241
22 T X 2.5	2.50	7	0.67	0.7	1.2	0.4	2.3	52.5	3493	3429
23 T X 2.5	2.50	7	0.67	0.7	1.2	0.4	2.3	52.5	3587	3523
24 T X 2.5	2.50	7	0.67	0.7	1.4	0.4	2.4	55.5	3833	3765
25 T X 2.5	2.50	7	0.67	0.7	1.4	0.4	2.4	55.5	3927	3859
26 T X 2.5	2.50	7	0.67	0.7	1.4	0.4	2.4	55.5	4021	3953
27 T X 2.5	2.50	7	0.67	0.7	1.4	0.4	2.4	56.5	4150	4080
30 T X 2.5	2.50	7	0.67	0.7	1.4	0.4	2.4	58.5	4494	4422
32 T X 2.5	2.50	7	0.67	0.7	1.4	0.4	2.5	61.0	4775	4701
37 T X 2.5	2.50	7	0.67	0.7	1.4	0.4	2.6	63.5	5344	5266
40 T X 2.5	2.50	7	0.67	0.7	1.4	0.4	2.7	66.0	5734	5652
44 T X 2.5	2.50	7	0.67	0.7	1.6	0.4	2.8	71.5	6376	6288
48 T X 2.5	2.50	7	0.67	0.7	1.6	0.4	2.9	73.0	6823	6733
50 T X 2.5	2.50	7	0.67	0.7	1.6	0.4	2.9	73.0	7011	6921

FIRE RESISTANT INSTRUMENTATION CABLES INDIVIDUAL SHEILDED

RATED OPERATING VOLTAGE : 150/250 V (300 V)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 376

INDIVIDUAL PAIR OR TRIAD SCREENED : TYPE I

CONDUCTOR MATERIAL : Stranded, annealed, tinned copper class 2 as per IEC 60228

HEAT BARRIER: Mica tape

INSULATION MATERIAL : Extruded EPDM Insulation

SHEILDING OF INDIVIDUAL UNIT : Cores twisted to form a pair or triad and shielded with lapped Mylar backed aluminium tape, Each unit provided with a stranded, tinned copper drain wire

INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359

ARMOUR / BRAIDING MATERIAL : Annealed Tinned Copper Wire, Option GI wire, SS wire or bronze wire

OUTER SHEATH MATERIAL : Halogen Free, FR Polyolefin SHF1 or SHF2 compound as per IEC 60092-359, Optional compounds FR PCP or CSP or PVC

EPDM INSULATED, INDIVIDUAL AL MYLAR SHIELDED, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150/250 (300) Volts

DIMENSIONS & WEIGHT

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
1P X 0.5	0.5	7	0.30	0.6	1.0	0.2	1.1	12.5	200	194
2P X 0.5	0.5	7	0.30	0.6	1.0	0.2	1.2	16.5	312	303
3P X 0.5	0.5	7	0.30	0.6	1.0	0.2	1.2	17.5	364	354
4P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.3	19.5	494	477
5P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.4	21.0	561	544
6P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.4	21.5	613	595
7P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.4	22.0	668	649
8P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.5	24.5	765	743
9P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.5	25.5	824	801
10P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.6	28.0	923	898
11P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.6	28.0	971	946
12P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.6	29.0	1024	999
13P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.6	30.0	1092	1065
14P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.6	30.5	1138	1111
15P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.7	31.0	1205	1178
16P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.7	32.0	1265	1237
17P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.7	33.0	1320	1291
18P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.7	33.0	1367	1337
19P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.7	33.5	1413	1383
20P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.8	34.5	1491	1460

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
21P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.8	35.0	1544	1513
22P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.9	36.5	1621	1589
23P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.9	37.0	1677	1644
24P X 0.5	0.5	7	0.30	0.6	1.2	0.3	1.9	38.5	1776	1742
25P X 0.5	0.5	7	0.30	0.6	1.2	0.3	1.9	39.5	1840	1804
26P X 0.5	0.5	7	0.30	0.6	1.2	0.3	1.9	39.5	1887	1851
27P X 0.5	0.5	7	0.30	0.6	1.2	0.3	1.9	40.0	1941	1905
30P X 0.5	0.5	7	0.30	0.6	1.2	0.3	2.0	41.5	2111	2073
32P X 0.5	0.5	7	0.30	0.6	1.2	0.3	2.0	44.0	2244	2204
37P X 0.5	0.5	7	0.30	0.6	1.2	0.4	2.1	47.0	2649	2592
40P X 0.5	0.5	7	0.30	0.6	1.2	0.4	2.2	49.5	2861	2800
44P X 0.5	0.5	7	0.30	0.6	1.2	0.4	2.3	51.0	3080	3018
48P X 0.5	0.5	7	0.30	0.6	1.2	0.4	2.3	52.0	3265	3202
50P X 0.5	0.5	7	0.30	0.6	1.2	0.4	2.3	52.5	3356	3292
1P X 0.75	0.75	7	0.37	0.6	1.0	0.2	1.1	13.0	214	207
2P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	18.0	395	380
3P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	19.0	456	440
4P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	20.5	537	520
5P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	21.5	614	595
6P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	22.5	675	656
7P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	23.0	734	714
8P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	25.5	842	820
9P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	27.0	922	899
10P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	29.0	1019	993
11P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	29.5	1074	1048
12P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	30.0	1134	1107
13P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	31.5	1225	1197
14P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	32.0	1279	1250
15P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	32.5	1341	1312
16P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	33.5	1409	1379
17P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	34.5	1487	1456
18P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	35.0	1541	1509
19P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	35.5	1596	1565
20P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	36.5	1682	1649
21P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	37.0	1742	1709
22P X 0.75	0.75	7	0.37	0.6	1.2	0.3	1.9	38.5	1851	1816
23P X 0.75	0.75	7	0.37	0.6	1.2	0.3	1.9	39.0	1914	1879
24P X 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	40.5	2003	1967
25P X 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	41.5	2074	2037
26P X 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	42.0	2131	2093
27P X 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	42.5	2192	2153
30P X 0.75	0.75	7	0.37	0.6	1.2	0.3	2.1	44.0	2386	2346
32P X 0.75	0.75	7	0.37	0.6	1.2	0.4	2.1	47.0	2668	2611
37P X 0.75	0.75	7	0.37	0.6	1.2	0.4	2.2	49.5	2990	2930
40P X 0.75	0.75	7	0.37	0.6	1.2	0.4	2.2	52.0	3206	3142
44P X 0.75	0.75	7	0.37	0.6	1.4	0.4	2.4	54.0	3533	3467
48P X 0.75	0.75	7	0.37	0.6	1.4	0.4	2.4	55.0	3749	3682
50P X 0.75	0.75	7	0.37	0.6	1.4	0.4	2.4	55.5	3854	3786

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
1P X 1	1	7	0.43	0.6	1.0	0.2	1.1	13.5	227	220
2P X 1	1	7	0.43	0.6	1.0	0.3	1.3	19.0	423	407
3P X 1	1	7	0.43	0.6	1.0	0.3	1.3	19.5	491	474
4P X 1	1	7	0.43	0.6	1.0	0.3	1.4	21.5	591	572
5P X 1	1	7	0.43	0.6	1.0	0.3	1.4	22.5	667	647
6P X 1	1	7	0.43	0.6	1.0	0.3	1.5	23.5	745	725
7P X 1	1	7	0.43	0.6	1.0	0.3	1.5	24.0	814	793
8P X 1	1	7	0.43	0.6	1.0	0.3	1.6	27.0	932	909
9P X 1	1	7	0.43	0.6	1.0	0.3	1.6	28.0	1008	983
10P X 1	1	7	0.43	0.6	1.0	0.3	1.7	30.5	1129	1102
11P X 1	1	7	0.43	0.6	1.0	0.3	1.7	31.0	1191	1164
12P X 1	1	7	0.43	0.6	1.0	0.3	1.7	31.5	1260	1232
13P X 1	1	7	0.43	0.6	1.0	0.3	1.7	33.0	1345	1315
14P X 1	1	7	0.43	0.6	1.0	0.3	1.7	33.5	1407	1377
15P X 1	1	7	0.43	0.6	1.0	0.3	1.8	34.5	1492	1461
16P X 1	1	7	0.43	0.6	1.0	0.3	1.8	35.5	1570	1538
17P X 1	1	7	0.43	0.6	1.0	0.3	1.9	36.5	1656	1623
18P X 1	1	7	0.43	0.6	1.0	0.3	1.9	36.5	1716	1683
19P X 1	1	7	0.43	0.6	1.0	0.3	1.9	37.0	1778	1745
20P X 1	1	7	0.43	0.6	1.2	0.3	1.9	38.5	1896	1861
21P X 1	1	7	0.43	0.6	1.2	0.3	1.9	39.5	1966	1931
22P X 1	1	7	0.43	0.6	1.2	0.3	2.0	40.5	2062	2025
23P X 1	1	7	0.43	0.6	1.2	0.3	2.0	41.5	2135	2098
24P X 1	1	7	0.43	0.6	1.2	0.3	2.0	42.5	2213	2175
25P X 1	1	7	0.43	0.6	1.2	0.3	2.0	43.5	2293	2254
26P X 1	1	7	0.43	0.6	1.2	0.3	2.0	43.5	2354	2314
27P X 1	1	7	0.43	0.6	1.2	0.4	2.1	45.0	2574	2519
30P X 1	1	7	0.43	0.6	1.2	0.4	2.1	46.5	2773	2716
32P X 1	1	7	0.43	0.6	1.2	0.4	2.2	49.5	2972	2912
37P X 1	1	7	0.43	0.6	1.2	0.4	2.3	52.0	3333	3270
40P X 1	1	7	0.43	0.6	1.4	0.4	2.3	55.0	3629	3562
44P X 1	1	7	0.43	0.6	1.4	0.4	2.4	57.0	3910	3841
48P X 1	1	7	0.43	0.6	1.4	0.4	2.5	58.0	4183	4112
50P X 1	1	7	0.43	0.6	1.4	0.4	2.5	58.5	4302	4231
1P X 1.5	1.5	7	0.53	0.7	1.0	0.2	1.1	14.5	260	252
2P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.4	20.5	500	482
3P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.4	21.5	586	568
4P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.4	23.5	697	677
5P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.5	25.0	806	784
6P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.6	26.0	904	882
7P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.6	27.0	991	968
8P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.7	30.0	1135	1109
9P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	31.0	1246	1218
10P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	34.0	1381	1351
11P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	34.5	1460	1429
12P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	35.5	1548	1516
13P X 1.5	1.5	7	0.53	0.7	1.2	0.3	1.9	37.5	1708	1675
14P X 1.5	1.5	7	0.53	0.7	1.2	0.3	1.9	38.0	1787	1754
15P X 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	39.0	1897	1862
16P X 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	40.0	1996	1960

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
17P X 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	41.0	2085	2048
18P X 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	41.5	2164	2127
19P X 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	42.0	2244	2206
20P X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.1	43.5	2485	2432
21P X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.1	44.5	2577	2523
22P X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	46.0	2701	2646
23P X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	47.0	2796	2740
24P X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	48.0	2922	2864
25P X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	49.5	3026	2966
26P X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	50.0	3107	3047
27P X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	50.5	3200	3139
30P X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.4	53.0	3532	3468
32P X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.4	55.5	3759	3691
37P X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.5	58.5	4219	4147
40P X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.6	62.0	4558	4481
44P X 1.5	1.5	7	0.53	0.7	1.6	0.4	2.7	64.5	4979	4901
48P X 1.5	1.5	7	0.53	0.7	1.6	0.4	2.8	66.0	5327	5247
50P X 1.5	1.5	7	0.53	0.7	1.6	0.4	2.8	66.0	5480	5399
1P X 2.5	2.5	7	0.67	0.7	1.0	0.2	1.2	15.5	305	297
2P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.4	22.0	578	559
3P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.4	23.0	690	671
4P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.5	25.5	842	820
5P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.6	27.0	976	953
6P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.7	28.0	1102	1078
7P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.7	29.0	1216	1191
8P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.8	32.0	1394	1366
9P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.9	34.0	1535	1505
10P X 2.5	2.5	7	0.67	0.7	1.2	0.3	1.9	37.5	1738	1705
11P X 2.5	2.5	7	0.67	0.7	1.2	0.3	1.9	37.5	1842	1808
12P X 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	39.0	1975	1941
13P X 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	40.5	2114	2077
14P X 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	41.0	2220	2183
15P X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.1	42.5	2474	2423
16P X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.1	44.0	2605	2552
17P X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	45.0	2745	2690
18P X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	45.5	2850	2795
19P X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	46.0	2958	2903
20P X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	47.5	3111	3054
21P X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	48.5	3231	3172
22P X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.4	50.5	3436	3375
23P X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.4	51.0	3557	3495
24P X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.5	53.0	3718	3654
25P X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.5	54.0	3851	3786
26P X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.5	54.5	3961	3895
27P X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.5	55.5	4079	4012
30P X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.6	57.5	4443	4373
32P X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.6	60.5	4731	4657
37P X 2.5	2.5	7	0.67	0.7	1.6	0.4	2.7	64.5	5391	5312
40P X 2.5	2.5	7	0.67	0.7	1.6	0.4	2.8	68.0	5818	5735
44P X 2.5	2.5	7	0.67	0.7	1.6	0.4	3.0	70.0	6318	6232

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
48P X 2.5	2.5	7	0.67	0.7	1.6	0.4	3.0	71.5	6742	6654
50P X 2.5	2.5	7	0.67	0.7	1.6	0.4	3.0	72.0	6943	6855
1T X 0.5	0.5	7	0.30	0.6	1.0	0.2	1.1	13.0	222	215
2T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.3	20.0	454	437
3T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.3	21.0	532	514
4T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.4	23.0	635	615
5T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.4	25.0	728	707
6T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.5	27.0	838	814
7T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.5	27.0	894	870
8T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.6	30.5	1029	1002
9T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.6	33.0	1135	1106
10T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.7	34.5	1237	1206
11T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.7	34.5	1293	1262
12T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.7	35.5	1371	1339
13T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.8	37.5	1481	1447
14T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.8	37.5	1537	1503
15T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.8	39.5	1638	1602
16T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.8	39.5	1693	1658
17T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.9	41.5	1813	1776
18T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.9	41.5	1869	1831
19T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.9	41.5	1925	1887
20T X 0.5	0.5	7	0.30	0.6	1.2	0.3	1.9	44.0	2075	2035
21T X 0.5	0.5	7	0.30	0.6	1.2	0.3	1.9	44.0	2131	2091
22T X 0.5	0.5	7	0.30	0.6	1.2	0.3	2.0	46.5	2263	2221
23T X 0.5	0.5	7	0.30	0.6	1.2	0.3	2.0	46.5	2319	2276
24T X 0.5	0.5	7	0.30	0.6	1.2	0.4	2.1	49.5	2590	2529
25T X 0.5	0.5	7	0.30	0.6	1.2	0.4	2.1	49.5	2646	2585
26T X 0.5	0.5	7	0.30	0.6	1.2	0.4	2.1	49.5	2701	2641
27T X 0.5	0.5	7	0.30	0.6	1.2	0.4	2.1	50.5	2785	2723
30T X 0.5	0.5	7	0.30	0.6	1.2	0.4	2.2	52.5	3023	2959
32T X 0.5	0.5	7	0.30	0.6	1.2	0.4	2.2	54.5	3191	3124
37T X 0.5	0.5	7	0.30	0.6	1.2	0.4	2.3	56.5	3552	3483
40T X 0.5	0.5	7	0.30	0.6	1.4	0.4	2.3	59.0	3842	3769
44T X 0.5	0.5	7	0.30	0.6	1.4	0.4	2.5	64.0	4257	4178
48T X 0.5	0.5	7	0.30	0.6	1.4	0.4	2.5	65.0	4510	4430
50T X 0.5	0.5	7	0.30	0.6	1.4	0.4	2.5	65.0	4622	4541
1T X 0.75	0.75	7	0.37	0.6	1.0	0.2	1.1	13.5	239	232
2T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	21.0	493	474
3T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	22.0	581	561
4T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	24.0	694	673
5T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	26.5	813	790
6T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	28.5	926	900
7T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	28.5	991	966
8T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	32.0	1140	1111
9T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	34.5	1275	1244
10T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	36.0	1372	1340
11T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	36.0	1438	1405
12T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	37.0	1528	1494
13T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	39.0	1651	1616

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
14T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	39.0	1717	1682
15T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	41.5	1849	1812
16T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	41.5	1915	1877
17T X 0.75	0.75	7	0.37	0.6	1.2	0.3	1.9	44.0	2073	2033
18T X 0.75	0.75	7	0.37	0.6	1.2	0.3	1.9	44.0	2138	2098
19T X 0.75	0.75	7	0.37	0.6	1.2	0.3	1.9	44.0	2204	2164
20T X 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	46.5	2349	2306
21T X 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	46.5	2414	2372
22T X 0.75	0.75	7	0.37	0.6	1.2	0.4	2.1	49.5	2701	2640
23T X 0.75	0.75	7	0.37	0.6	1.2	0.4	2.1	49.5	2766	2706
24T X 0.75	0.75	7	0.37	0.6	1.2	0.4	2.2	52.0	2923	2859
25T X 0.75	0.75	7	0.37	0.6	1.2	0.4	2.2	52.0	2988	2925
26T X 0.75	0.75	7	0.37	0.6	1.2	0.4	2.2	52.0	3054	2990
27T X 0.75	0.75	7	0.37	0.6	1.2	0.4	2.2	53.0	3148	3083
30T X 0.75	0.75	7	0.37	0.6	1.2	0.4	2.2	55.0	3399	3331
32T X 0.75	0.75	7	0.37	0.6	1.2	0.4	2.3	57.5	3613	3543
37T X 0.75	0.75	7	0.37	0.6	1.4	0.4	2.4	60.0	4092	4018
40T X 0.75	0.75	7	0.37	0.6	1.4	0.4	2.4	62.5	4358	4281
44T X 0.75	0.75	7	0.37	0.6	1.4	0.4	2.6	67.5	4828	4744
48T X 0.75	0.75	7	0.37	0.6	1.4	0.4	2.6	68.5	5125	5040
50T X 0.75	0.75	7	0.37	0.6	1.4	0.4	2.6	68.5	5256	5171
1T X 1	1	7	0.43	0.6	1.0	0.2	1.1	14.0	256	249
2T X 1	1	7	0.43	0.6	1.0	0.3	1.3	22.0	529	510
3T X 1	1	7	0.43	0.6	1.0	0.3	1.4	23.0	639	619
4T X 1	1	7	0.43	0.6	1.0	0.3	1.4	25.0	755	733
5T X 1	1	7	0.43	0.6	1.0	0.3	1.5	27.5	886	862
6T X 1	1	7	0.43	0.6	1.0	0.3	1.6	30.0	1025	998
7T X 1	1	7	0.43	0.6	1.0	0.3	1.6	30.0	1100	1074
8T X 1	1	7	0.43	0.6	1.0	0.3	1.6	33.5	1250	1220
9T X 1	1	7	0.43	0.6	1.0	0.3	1.7	36.0	1398	1366
10T X 1	1	7	0.43	0.6	1.0	0.3	1.8	38.0	1525	1491
11T X 1	1	7	0.43	0.6	1.0	0.3	1.8	38.0	1600	1566
12T X 1	1	7	0.43	0.6	1.0	0.3	1.8	39.0	1705	1670
13T X 1	1	7	0.43	0.6	1.0	0.3	1.9	41.0	1841	1803
14T X 1	1	7	0.43	0.6	1.0	0.3	1.9	41.0	1916	1879
15T X 1	1	7	0.43	0.6	1.2	0.3	1.9	43.5	2086	2046
16T X 1	1	7	0.43	0.6	1.2	0.3	1.9	43.5	2162	2122
17T X 1	1	7	0.43	0.6	1.2	0.3	2.0	46.0	2314	2272
18T X 1	1	7	0.43	0.6	1.2	0.3	2.0	46.0	2390	2347
19T X 1	1	7	0.43	0.6	1.2	0.3	2.0	46.0	2465	2423
20T X 1	1	7	0.43	0.6	1.2	0.4	2.1	49.5	2763	2703
21T X 1	1	7	0.43	0.6	1.2	0.4	2.1	49.5	2839	2778
22T X 1	1	7	0.43	0.6	1.2	0.4	2.2	52.0	3008	2944
23T X 1	1	7	0.43	0.6	1.2	0.4	2.2	52.0	3083	3020
24T X 1	1	7	0.43	0.6	1.2	0.4	2.2	54.5	3230	3163
25T X 1	1	7	0.43	0.6	1.2	0.4	2.2	54.5	3306	3238
26T X 1	1	7	0.43	0.6	1.2	0.4	2.2	54.5	3381	3314
27T X 1	1	7	0.43	0.6	1.2	0.4	2.3	56.0	3514	3445
30T X 1	1	7	0.43	0.6	1.4	0.4	2.3	58.5	3856	3784
32T X 1	1	7	0.43	0.6	1.4	0.4	2.4	60.5	4101	4026

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
37T X 1	1	7	0.43	0.6	1.4	0.4	2.4	63.0	4548	4470
40T X 1	1	7	0.43	0.6	1.4	0.4	2.5	65.5	4878	4797
44T X 1	1	7	0.43	0.6	1.4	0.4	2.7	71.0	5402	5314
48T X 1	1	7	0.43	0.6	1.4	0.4	2.7	72.0	5739	5649
50T X 1	1	7	0.43	0.6	1.4	0.4	2.7	72.0	5890	5800
1T X 1.5	1.5	7	0.53	0.7	1.0	0.2	1.1	14.5	288	280
2T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.4	23.0	604	584
3T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.5	24.5	739	718
4T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.5	26.5	880	857
5T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.6	29.0	1039	1014
6T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.7	32.0	1203	1175
7T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.7	32.0	1300	1271
8T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	35.5	1495	1463
9T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.9	38.5	1673	1638
10T X 1.5	1.5	7	0.53	0.7	1.2	0.3	1.9	40.5	1847	1810
11T X 1.5	1.5	7	0.53	0.7	1.2	0.3	1.9	40.5	1944	1907
12T X 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	42.0	2091	2053
13T X 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	44.5	2240	2199
14T X 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	44.5	2336	2296
15T X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.1	47.5	2643	2586
16T X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.1	47.5	2740	2683
17T X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	50.0	2929	2869
18T X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	50.0	3026	2965
19T X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	50.0	3123	3062
20T X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	53.0	3317	3253
21T X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	53.0	3414	3350
22T X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.4	56.0	3673	3605
23T X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.4	56.0	3770	3702
24T X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.5	59.0	3976	3903
25T X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.5	59.0	4072	4000
26T X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.5	59.0	4169	4097
27T X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.5	60.5	4303	4229
30T X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.6	62.5	4686	4609
32T X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.7	65.0	4981	4901
37T X 1.5	1.5	7	0.53	0.7	1.6	0.4	2.7	68.0	5611	5527
40T X 1.5	1.5	7	0.53	0.7	1.6	0.4	2.8	71.0	6022	5934
44T X 1.5	1.5	7	0.53	0.7	1.6	0.4	3.0	76.5	6657	6563
48T X 1.5	1.5	7	0.53	0.7	1.6	0.4	3.0	78.0	7085	6988
50T X 1.5	1.5	7	0.53	0.7	1.6	0.4	3.0	78.0	7278	7182
1T X 2.5	2.5	7	0.67	0.7	1.0	0.2	1.2	15.5	344	336
2T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.5	25.0	721	699
3T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.5	26.5	883	859
4T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.6	29.0	1077	1051
5T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.7	31.5	1277	1249
6T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.8	34.5	1485	1454
7T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.8	34.5	1616	1586
8T X 2.5	2.5	7	0.67	0.7	1.2	0.3	1.9	39.0	1896	1861
9T X 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	42.5	2122	2083
10T X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.1	45.0	2444	2389

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
11T X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.1	45.0	2575	2521
12T X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.1	46.5	2749	2693
13T X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	49.0	2965	2905
14T X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	490	3096	3037
15T X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	51.5	3326	3263
16T X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	51.5	3457	3395
17T X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.4	55.0	3747	3680
18T X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.4	55.0	3879	3812
19T X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.4	55.0	4011	3944
20T X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.5	58.0	4257	4186
21T X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.5	58.0	4389	4318
22T X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.6	61.0	4641	4566
23T X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.6	61.0	4772	4697
24T X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.7	64.5	5027	4948
25T X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.7	64.5	5159	5080
26T X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.7	64.5	5291	5212
27T X 2.5	2.5	7	0.67	0.7	1.6	0.4	2.7	66.0	5529	5448
30T X 2.5	2.5	7	0.67	0.7	1.6	0.4	2.8	68.5	6035	5950
32T X 2.5	2.5	7	0.67	0.7	1.6	0.4	2.9	71.5	6414	6326
37T X 2.5	2.5	7	0.67	0.7	1.6	0.4	3.0`	74.5	7197	7105
40T X 2.5	2.5	7	0.67	0.7	1.6	0.4	3.1	77.5	7730	7634
44T X 2.5	2.5	7	0.67	0.7	1.6	0.4	3.3	84.0	8541	8437
48T X 2.5	2.5	7	0.67	0.7	1.6	0.4	3.3	85.0	9114	9008
50T X 2.5	2.5	7	0.67	0.7	1.6	0.4	3.3	85.0	9377	9272



FIRE RESISTANT INSTRUMENTATION CABLES OVERALL SHEILDED

RATED OPERATING VOLTAGE : 150/250 V (300 V)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 376

CABLE OVERALL SCREENED

CONDUCTOR MATERIAL : Stranded, annealed, tinned copper class 2 as per IEC 60228

HEAT BARRIER: Mica tape

INSULATION MATERIAL : Extruded EPDM Insulation

LAY UP : Cores twisted to form a pair or triad, Twisted pairs or triads laid up

OVERALL SHEILDING : Overall shielded with lapped Mylar backed aluminium tape provided with a stranded, tinned copper drain wire under the shielding tape

INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359

ARMOUR / BRAIDING MATERIAL : Annealed Tinned Copper Wire, Option GI wire, SS wire or bronze wire

OUTER SHEATH MATERIAL : Halogen Free, FR Polyolefin SHF1 or SHF2 compound as per IEC 60092-359, Optional compounds FR PCP or CSP or PVC

EPDM INSULATED, OVERALL ALMYLAR SHIELDED, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

Standard Specification : IEC 60092-350, 376. Voltage Grade : 150/250 (300) Volts

DIMENSIONS & WEIGHT

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P X 0.5	0.5	7	0.30	0.6	1.0	0.2	1.1	12.0	190	184
2 P X 0.5	0.5	7	0.30	0.6	1.0	0.2	1.2	17.0	309	299
3 P X 0.5	0.5	7	0.30	0.6	1.0	0.2	1.2	17.5	346	336
4 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.3	20.0	461	444
5 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.3	20.5	507	489
6 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.4	21.5	556	538
7 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.4	22.0	596	577
8 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.4	24.0	668	647
9 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.5	25.5	726	704
10 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.5	27.5	798	773
11 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.5	27.5	831	807
12 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.5	28.0	871	846
13 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.6	29.5	938	912
14 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.6	30.0	971	945
15 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.6	30.5	1011	984
16 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.6	31.5	1059	1031
17 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.7	32.0	1114	1085
18 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.7	32.5	1147	1118
19 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.7	33.0	1181	1151
20 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.7	33.5	1228	1198

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
21 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.7	34.5	1269	1238
22 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.8	35.5	1330	1299
23 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.8	36.0	1371	1339
24 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.8	37.0	1419	1386
25 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.8	37.5	1467	1433
26 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.8	38.0	1501	1466
27 P X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.9	39.0	1559	1524
30 P X 0.5	0.5	7	0.30	0.6	1.2	0.3	1.9	40.5	1708	1672
32 P X 0.5	0.5	7	0.30	0.6	1.2	0.3	1.9	42.5	1814	1776
37 P X 0.5	0.5	7	0.30	0.6	1.2	0.3	2.0	44.5	2018	1977
40 P X 0.5	0.5	7	0.30	0.6	1.2	0.3	2.0	47.0	2159	2116
44 P X 0.5	0.5	7	0.30	0.6	1.2	0.4	2.2	49.0	2479	2419
48 P X 0.5	0.5	7	0.30	0.6	1.2	0.4	2.2	50.0	2611	2550
50 P X 0.5	0.5	7	0.30	0.6	1.2	0.4	2.2	50.5	2673	2612
1 P X 0.75	0.75	7	0.37	0.6	1.0	0.2	1.1	12.5	203	197
2 P X 0.75	0.75	7	0.37	0.6	1.0	0.2	1.2	17.5	332	322
3 P X 0.75	0.75	7	0.37	0.6	1.0	0.2	1.2	18.5	378	367
4 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	20.5	505	488
5 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	21.5	558	539
6 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	22.5	613	594
7 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	23.0	662	642
8 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	25.5	754	732
9 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	26.5	807	784
10 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	29.0	902	877
11 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	29.0	944	919
12 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	30.0	991	964
13 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	31.0	1053	1026
14 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	31.5	1093	1065
15 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	32.0	1154	1126
16 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	33.0	1208	1178
17 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	34.0	1257	1227
18 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	34.0	1297	1266
19 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	34.5	1337	1306
20 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	35.5	1409	1377
21 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	36.0	1456	1424
22 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	37.0	1511	1477
23 P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	38.0	1560	1526
24 P X 0.75	0.75	7	0.37	0.6	1.2	0.3	1.9	39.5	1671	1636
25 P X 0.75	0.75	7	0.37	0.6	1.2	0.3	1.9	40.5	1729	1693
26 P X 0.75	0.75	7	0.37	0.6	1.2	0.3	1.9	40.5	1770	1733
27 P X 0.75	0.75	7	0.37	0.6	1.2	0.3	1.9	41.0	1818	1780
30 P X 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	42.5	1968	1930
32 P X 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	45.0	2090	2050
37 P X 0.75	0.75	7	0.37	0.6	1.2	0.4	2.1	48.0	2467	2409
40 P X 0.75	0.75	7	0.37	0.6	1.2	0.4	2.1	50.5	2638	2576
44 P X 0.75	0.75	7	0.37	0.6	1.2	0.4	2.2	52.0	2830	2767
48 P X 0.75	0.75	7	0.37	0.6	1.2	0.4	2.3	53.0	3013	2948
50 P X 0.75	0.75	7	0.37	0.6	1.2	0.4	2.3	53.5	3090	3025

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
1 P X 1	1	7	0.43	0.6	1.0	0.2	1.1	13.0	217	210
2 P X 1	1	7	0.43	0.6	1.0	0.2	1.2	18.5	357	347
3 P X 1	1	7	0.43	0.6	1.0	0.3	1.3	20.0	472	455
4 P X 1	1	7	0.43	0.6	1.0	0.3	1.3	21.5	548	529
5 P X 1	1	7	0.43	0.6	1.0	0.3	1.4	22.5	618	599
6 P X 1	1	7	0.43	0.6	1.0	0.3	1.4	23.5	673	653
7 P X 1	1	7	0.43	0.6	1.0	0.3	1.4	24.0	725	704
8 P X 1	1	7	0.43	0.6	1.0	0.3	1.5	26.5	829	806
9 P X 1	1	7	0.43	0.6	1.0	0.3	1.6	28.0	903	879
10 P X 1	1	7	0.43	0.6	1.0	0.3	1.6	30.0	995	968
11 P X 1	1	7	0.43	0.6	1.0	0.3	1.6	30.5	1043	1016
12 P X 1	1	7	0.43	0.6	1.0	0.3	1.6	31.0	1096	1068
13 P X 1	1	7	0.43	0.6	1.0	0.3	1.7	32.5	1182	1152
14 P X 1	1	7	0.43	0.6	1.0	0.3	1.7	33.0	1228	1198
15 P X 1	1	7	0.43	0.6	1.0	0.3	1.7	33.5	1283	1253
16 P X 1	1	7	0.43	0.6	1.0	0.3	1.7	34.5	1345	1314
17 P X 1	1	7	0.43	0.6	1.0	0.3	1.8	35.5	1417	1385
18 P X 1	1	7	0.43	0.6	1.0	0.3	1.8	36.0	1463	1431
19 P X 1	1	7	0.43	0.6	1.0	0.3	1.8	36.5	1512	1479
20 P X 1	1	7	0.43	0.6	1.0	0.3	1.8	37.5	1575	1541
21 P X 1	1	7	0.43	0.6	1.0	0.3	1.8	38.0	1628	1594
22 P X 1	1	7	0.43	0.6	1.2	0.3	1.9	39.5	1748	1713
23 P X 1	1	7	0.43	0.6	1.2	0.3	1.9	40.0	1805	1769
24 P X 1	1	7	0.43	0.6	1.2	0.3	2.0	41.5	1888	1851
25 P X 1	1	7	0.43	0.6	1.2	0.3	2.0	42.5	1953	1915
26 P X 1	1	7	0.43	0.6	1.2	0.3	2.0	43.0	2002	1964
27 P X 1	1	7	0.43	0.6	1.2	0.3	2.0	43.5	2057	2017
30 P X 1	1	7	0.43	0.6	1.2	0.3	2.0	45.0	2210	2169
32 P X 1	1	7	0.43	0.6	1.2	0.4	2.1	48.0	2503	2445
37 P X 1	1	7	0.43	0.6	1.2	0.4	2.2	50.5	2791	2729
40 P X 1	1	7	0.43	0.6	1.2	0.4	2.2	53.0	2988	2923
44 P X 1	1	7	0.43	0.6	1.4	0.4	2.3	55.0	3262	3195
48 P X 1	1	7	0.43	0.6	1.4	0.4	2.4	56.0	3476	3407
50 P X 1	1	7	0.43	0.6	1.4	0.4	2.4	56.5	3566	3497
1 P X 1.5	1.5	7	0.53	0.7	1.0	0.2	1.1	14.0	249	242
2 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.3	21.0	484	467
3 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.3	21.5	556	537
4 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.4	23.5	661	641
5 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.5	25.0	753	731
6 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.5	26.0	825	802
7 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.5	26.5	895	871
8 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.6	29.5	1023	996
9 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.7	31.0	1118	1091
10 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.7	33.5	1235	1205
11 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.7	34.0	1298	1268
12 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	35.0	1385	1354
13 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	36.5	1477	1444
14 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	37.0	1540	1507
15 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.9	38.0	1631	1597
16 P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.9	39.0	1711	1676

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
17 P X 1.5	1.5	7	0.53	0.7	1.2	0.3	1.9	40.0	1825	1789
18 P X 1.5	1.5	7	0.53	0.7	1.2	0.3	1.9	40.5	1889	1853
19 P X 1.5	1.5	7	0.53	0.7	1.2	0.3	1.9	41.0	1953	1916
20 P X 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	42.5	2054	2016
21 P X 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	43.0	2129	2090
22 P X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.1	45.0	2357	2303
23 P X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.1	45.5	2434	2379
24 P X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	47.0	2545	2488
25 P X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	48.0	2631	2573
26 P X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	48.5	2697	2638
27 P X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	49.5	2775	2715
30 P X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	51.0	3005	2942
32 P X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.3	54.0	3248	3182
37 P X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.4	57.0	3628	3558
40 P X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.4	60.0	3887	3813
44 P X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.6	62.0	4210	4134
48 P X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.6	63.5	4462	4384
50 P X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.6	63.5	4583	4505
1 P X 2.5	2.5	7	0.67	0.7	1.0	0.2	1.2	15.0	293	285
2 P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.4	22.5	569	550
3 P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.4	23.0	662	642
4 P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.5	25.5	797	775
5 P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.5	27.0	899	876
6 P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.6	28.0	1007	983
7 P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.6	28.5	1101	1076
8 P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.7	32.0	1259	1231
9 P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.8	33.5	1380	1350
10 P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.8	36.5	1527	1494
11 P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.8	37.0	1611	1578
12 P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.9	38.0	1725	1691
13 P X 2.5	2.5	7	0.67	0.7	1.2	0.3	1.9	40.0	1882	1846
14 P X 2.5	2.5	7	0.67	0.7	1.2	0.3	1.9	40.5	1967	1931
15 P X 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	41.5	2084	2047
16 P X 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	42.5	2190	2152
17 P X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.1	44.5	2433	2379
18 P X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.1	44.5	2519	2466
19 P X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.1	45.0	2606	2552
20 P X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	46.5	2741	2684
21 P X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	47.5	2842	2785
22 P X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	49.0	2975	2916
23 P X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	50.0	3078	3017
24 P X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.3	51.5	3244	3181
25 P X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.3	52.5	3356	3292
26 P X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.3	53.0	3447	3382
27 P X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.4	54.0	3572	3506
30 P X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.4	56.0	3851	3782
32 P X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.5	59.0	4122	4050
37 P X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.6	62.5	4623	4547
40 P X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.7	66.0	4989	4908
44 P X 2.5	2.5	7	0.67	0.7	1.6	0.4	2.8	68.0	5445	5361

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
48 P X 2.5	2.5	7	0.67	0.7	1.6	0.4	2.9	69.5	5822	5736
50 P X 2.5	2.5	7	0.67	0.7	1.6	0.4	2.9	70.0	5987	5900
1 T X 0.5	0.5	7	0.30	0.6	1.0	0.2	1.1	12.5	212	205
2 T X 0.5	0.5	7	0.30	0.6	1.0	0.2	1.2	19.0	371	361
3 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.3	21.0	496	478
4 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.3	22.5	570	550
5 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.4	24.5	657	636
6 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.4	26.0	737	714
7 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.4	26.0	777	754
8 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.5	29.0	891	865
9 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.6	31.5	992	964
10 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.6	32.5	1059	1030
11 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.6	32.5	1099	1070
12 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.6	33.5	1162	1132
13 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.7	35.5	1252	1221
14 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.7	35.5	1292	1260
15 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.7	37.0	1372	1338
16 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.7	37.0	1411	1378
17 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.8	39.0	1513	1478
18 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.8	39.0	1553	1518
19 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.8	39.0	1593	1558
20 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.9	41.5	1699	1662
21 T X 0.5	0.5	7	0.30	0.6	1.0	0.3	1.9	41.5	1739	1702
22 T X 0.5	0.5	7	0.30	0.6	1.2	0.3	1.9	43.5	1871	1831
23 T X 0.5	0.5	7	0.30	0.6	1.2	0.3	1.9	43.5	1911	1871
24 T X 0.5	0.5	7	0.30	0.6	1.2	0.3	2.0	46.0	2022	1980
25 T X 0.5	0.5	7	0.30	0.6	1.2	0.3	2.0	46.0	2062	2020
26 T X 0.5	0.5	7	0.30	0.6	1.2	0.3	2.0	46.0	2102	2060
27 T X 0.5	0.5	7	0.30	0.6	1.2	0.3	2.0	47.0	2167	2125
30 T X 0.5	0.5	7	0.30	0.6	1.2	0.3	2.0	48.5	2326	2281
32 T X 0.5	0.5	7	0.30	0.6	1.2	0.4	2.1	51.0	2618	2555
37 T X 0.5	0.5	7	0.30	0.6	1.2	0.4	2.2	53.0	2893	2829
40 T X 0.5	0.5	7	0.30	0.6	1.2	0.4	2.2	55.0	3072	3004
44 T X 0.5	0.5	7	0.30	0.6	1.4	0.4	2.4	60.0	3466	3393
48 T X 0.5	0.5	7	0.30	0.6	1.4	0.4	2.4	60.5	3654	3579
50 T X 0.5	0.5	7	0.30	0.6	1.4	0.4	2.4	60.5	3734	3659
1 T X 0.75	0.75	7	0.37	0.6	1.0	0.2	1.1	13.0	229	222
2 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	20.5	473	455
3 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	21.5	543	524
4 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	23.5	640	619
5 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	25.5	728	706
6 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	27.5	834	810
7 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	27.5	883	859
8 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	30.5	1011	984
9 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	33.0	1111	1081
10 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	34.5	1205	1175
11 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	34.5	1255	1224
12 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	35.5	1330	1298
13 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	37.0	1416	1383

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
14 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	37.0	1465	1432
15 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	39.0	1577	1541
16 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	39.0	1626	1591
17 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	41.5	1739	1702
18 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	41.5	1788	1751
19 T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	41.5	1838	1800
20 T X 0.75	0.75	7	0.37	0.6	1.2	0.3	1.9	44.0	1984	1944
21 T X 0.75	0.75	7	0.37	0.6	1.2	0.3	1.9	44.0	2033	1993
22 T X 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	46.5	2159	2117
23 T X 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	46.5	2209	2166
24 T X 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	48.5	2312	2267
25 T X 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	48.5	2361	2317
26 T X 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	48.5	2410	2366
27 T X 0.75	0.75	7	0.37	0.6	1.2	0.4	2.1	50.0	2648	2587
30 T X 0.75	0.75	7	0.37	0.6	1.2	0.4	2.1	52.0	2846	2782
32 T X 0.75	0.75	7	0.37	0.6	1.2	0.4	2.2	54.0	3021	2955
37 T X 0.75	0.75	7	0.37	0.6	1.2	0.4	2.3	56.0	3352	3283
40 T X 0.75	0.75	7	0.37	0.6	1.4	0.4	2.3	58.5	3621	3549
44 T X 0.75	0.75	7	0.37	0.6	1.4	0.4	2.4	63.0	3982	3904
48 T X 0.75	0.75	7	0.37	0.6	1.4	0.4	2.5	64.0	4237	4158
50 T X 0.75	0.75	7	0.37	0.6	1.4	0.4	2.5	64.0	4336	4257
1 T X 1	1	7	0.43	0.6	1.0	0.2	1.1	13.5	246	239
2 T X 1	1	7	0.43	0.6	1.0	0.3	1.3	21.5	508	490
3 T X 1	1	7	0.43	0.6	1.0	0.3	1.3	22.5	591	571
4 T X 1	1	7	0.43	0.6	1.0	0.3	1.4	24.5	699	678
5 T X 1	1	7	0.43	0.6	1.0	0.3	1.4	26.5	799	776
6 T X 1	1	7	0.43	0.6	1.0	0.3	1.5	29.0	917	892
7 T X 1	1	7	0.43	0.6	1.0	0.3	1.5	29.0	976	950
8 T X 1	1	7	0.43	0.6	1.0	0.3	1.6	32.0	1118	1090
9 T X 1	1	7	0.43	0.6	1.0	0.3	1.7	34.5	1248	1217
10 T X 1	1	7	0.43	0.6	1.0	0.3	1.7	36.0	1339	1306
11 T X 1	1	7	0.43	0.6	1.0	0.3	1.7	36.0	1397	1365
12 T X 1	1	7	0.43	0.6	1.0	0.3	1.7	37.0	1482	1448
13 T X 1	1	7	0.43	0.6	1.0	0.3	1.8	39.0	1598	1563
14 T X 1	1	7	0.43	0.6	1.0	0.3	1.8	39.0	1657	1621
15 T X 1	1	7	0.43	0.6	1.0	0.3	1.8	41.0	1763	1725
16 T X 1	1	7	0.43	0.6	1.0	0.3	1.8	41.0	1821	1784
17 T X 1	1	7	0.43	0.6	1.2	0.3	1.9	44.0	1993	1953
18 T X 1	1	7	0.43	0.6	1.2	0.3	1.9	44.0	2052	2012
19 T X 1	1	7	0.43	0.6	1.2	0.3	1.9	44.0	2111	2071
20 T X 1	1	7	0.43	0.6	1.2	0.3	2.0	46.0	2246	2204
21 T X 1	1	7	0.43	0.6	1.2	0.3	2.0	46.0	2305	2262
22 T X 1	1	7	0.43	0.6	1.2	0.3	2.0	48.5	2425	2380
23 T X 1	1	7	0.43	0.6	1.2	0.3	2.0	48.5	2483	2439
24 T X 1	1	7	0.43	0.6	1.2	0.4	2.1	51.5	2769	2706
25 T X 1	1	7	0.43	0.6	1.2	0.4	2.1	51.5	2828	2765
26 T X 1	1	7	0.43	0.6	1.2	0.4	2.1	51.5	2887	2823
27 T X 1	1	7	0.43	0.6	1.2	0.4	2.2	53.0	2998	2934
30 T X 1	1	7	0.43	0.6	1.2	0.4	2.2	54.5	3227	3160
32 T X 1	1	7	0.43	0.6	1.2	0.4	2.3	57.0	3430	3360

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
37 T X 1	1	7	0.43	0.6	1.4	0.4	2.3	59.5	3845	3772
40 T X 1	1	7	0.43	0.6	1.4	0.4	2.4	61.5	4117	4041
44 T X 1	1	7	0.43	0.6	1.4	0.4	2.5	66.5	4529	4447
48 T X 1	1	7	0.43	0.6	1.4	0.4	2.6	68.0	4827	4743
50 T X 1	1	7	0.43	0.6	1.4	0.4	2.6	68.0	4944	4860
1 T X 1.5	1.5	7	0.53	0.7	1.0	0.2	1.1	14.5	287	279
2 T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.4	23.5	607	587
3 T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.4	25.0	717	695
4 T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.5	27.5	856	832
5 T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.5	29.5	986	960
6 T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.6	32.0	1136	1107
7 T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.6	32.0	1217	1188
8 T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.7	36.0	1394	1362
9 T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	39.0	1558	1523
10 T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.9	40.5	1696	1659
11 T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.9	40.5	1777	1740
12 T X 1.5	1.5	7	0.53	0.7	1.2	0.3	1.9	42.5	1932	1894
13 T X 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	44.5	2081	2041
14 T X 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	44.5	2162	2122
15 T X 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	46.5	2302	2260
16 T X 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	46.5	2384	2341
17 T X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.1	50.0	2688	2628
18 T X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.1	50.0	2770	2709
19 T X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.1	50.0	2851	2790
20 T X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	52.5	3031	2967
21 T X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	52.5	3112	3048
22 T X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	55.5	3298	3230
23 T X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	55.5	3379	3311
24 T X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.4	58.5	3624	3552
25 T X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.4	58.5	3705	3633
26 T X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.4	58.5	3786	3714
27 T X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.4	60.0	3905	3831
30 T X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.4	62.0	4214	4137
32 T X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.5	64.5	4478	4398
37 T X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.6	67.0	4987	4904
40 T X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.7	70.0	5350	5263
44 T X 1.5	1.5	7	0.53	0.7	1.6	0.4	2.8	76.0	5957	5863
48 T X 1.5	1.5	7	0.53	0.7	1.6	0.4	2.9	77.0	6358	6262
50 T X 1.5	1.5	7	0.53	0.7	1.6	0.4	2.9	77.0	6520	6424
1 T X 2.5	2.5	7	0.67	0.7	1.0	0.2	1.2	15.5	343	335
2 T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.4	25.5	710	688
3 T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.5	27.0	866	842
4 T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.5	29.5	1030	1004
5 T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.6	32.0	1212	1183
6 T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.7	34.5	1400	1369
7 T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.7	34.5	1513	1482
8 T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.8	39.0	1737	1701
9 T X 2.5	2.5	7	0.67	0.7	1.2	0.3	1.9	42.5	1982	1944
10 T X 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	44.5	2161	2121

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour	Approx. Net Weight of cable with G.I. Braided Armour
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
11 T X 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	44.5	2274	2234
12 T X 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	46.0	2423	2381
13 T X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.1	49.0	2751	2692
14 T X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.1	49.0	2864	2805
15 T X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	51.5	3073	3010
16 T X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	51.5	3186	3123
17 T X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	54.5	3401	3334
18 T X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	54.5	3514	3447
19 T X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	54.5	3627	3560
20 T X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.4	58.0	3910	3839
21 T X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.4	58.0	4023	3952
22 T X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.5	61.0	4258	4183
23 T X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.5	61.0	4371	4296
24 T X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.6	64.0	4602	4524
25 T X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.6	64.0	4715	4637
26 T X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.6	64.0	4828	4750
27 T X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.6	65.5	4986	4906
30 T X 2.5	2.5	7	0.67	0.7	1.4	0.4	2.7	68.0	5427	5344
32 T X 2.5	2.5	7	0.67	0.7	1.6	0.4	2.7	71.0	5809	5721
37 T X 2.5	2.5	7	0.67	0.7	1.6	0.4	2.8	73.5	6495	6404
40 T X 2.5	2.5	7	0.67	0.7	1.6	0.4	2.9	76.5	6968	6873
44 T X 2.5	2.5	7	0.67	0.7	1.6	0.4	3.1	83.0	7697	7594
48 T X 2.5	2.5	7	0.67	0.7	1.6	0.4	3.1	84.0	8195	8090
50 T X 2.5	2.5	7	0.67	0.7	1.6	0.4	3.1	84.0	8421	8316



POWER CABLE - NEK 606 SPECIFICATION

RATED OPERATING VOLTAGE : 0.6/1.0 KV (1.2kV)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 353 & NEK 606, TYPEs RFOU or RFCU P1 -P8

1. CONDUCTOR MATERIAL : Stranded, annealed, tinned copper class 2 as per IEC 60228

2. INSULATION MATERIAL : EPDM Insulation

3. INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359

4. ARMOUR/ BRAIDING MATERIAL : Type RFOU - Annealed Tinned Copper Wire, Option Type RFCU GI wire

5. OUTER SHEATH MATERIAL : Polyolefin SHF2 compound as per IEC 60092-359 & MUD resistant as per NEK 606.



EPDM INSULATED, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

Standard Specification : IEC : 60092-350, 353 & NEK 606. Voltage Grade : 0.6/1.0 (1.2) kV

DIMENSIONS & WEIGHT

Cores x Sqmm	Sq mm	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR (ATC) Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour RFOU	Cable Approx. Net Weight with GI Braided Armour RFCU
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
1C X 10	10	7	1.35	1.0	1.0	0.2	1.1	12.5	273	-
1C X 16	16	7	1.74	1.0	1.0	0.2	1.2	13.5	349	-
1C X 25	25	7	2.20	1.2	1.0	0.3	1.3	16.0	530	-
1C X 35	35	7	2.58	1.2	1.0	0.3	1.3	17.0	641	-
1C X 50	50	19	1.78	1.4	1.0	0.3	1.4	19.0	833	-
1C X 70	70	19	2.20	1.4	1.0	0.3	1.4	21.0	1061	-
1C X 95	95	19	2.58	1.6	1.0	0.3	1.5	23.5	1360	-
1C X 120	120	37	2.03	1.6	1.0	0.3	1.6	25.0	1621	-
1C X 150	150	37	2.25	1.8	1.0	0.3	1.6	27.5	1953	-
1C X 185	185	37	2.58	2.0	1.0	0.3	1.7	30.0	2364	-
1C X 240	240	37	2.98	2.2	1.0	0.3	1.8	33.0	2953	-
1C X 300	300	61	2.52	2.4	1.0	0.3	1.9	36.0	3592	-
1C X 400	400	61	2.88	2.6	1.2	0.4	2.1	41.0	4788	-
1C X 500	500	61	3.23	2.8	1.2	0.4	2.2	45.0	5824	-
1C X 630	630	91	2.97	2.8	1.2	0.4	2.3	49.0	7096	-
1C X 800	800	91	3.35	2.8	1.4	0.4	2.5	54.0	8813	-
1C X 1000	1000	91	3.75	3.0	1.4	0.4	2.7	59.0	10796	-

Cores x Sqmm	Sq mm	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR (ATC) Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour RFOU	Cable Approx. Net Weight with GI Braided Armour RFCU
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
Screen as Earth										
2CX1.5+4	1.5	7	0.53	1.0	1.0	0.3	1.3	14.5	321	-
2CX2.5+4	2.5	7	0.67	1.0	1.0	0.3	1.3	15.5	367	-
2CX4+6	4	7	0.85	1.0	1.0	0.3	1.3	16.5	431	-
2CX6+6	6	7	1.06	1.0	1.0	0.3	1.4	18.0	521	-
2CX10+10	10	7	1.35	1.0	1.0	0.3	1.4	19.5	656	-
2CX16+16	16	7	1.74	1.0	1.0	0.3	1.5	23.5	965	-
2CX25+16	25	7	2.20	1.2	1.0	0.3	1.6	26.0	1206	-
Screen as Earth										
3CX1.5+4	1.5	7	0.53	1.0	1.0	0.3	1.3	15.0	355	-
3CX2.5+6	2.5	7	0.67	1.0	1.0	0.3	1.3	16.0	412	-
3CX4+6	4	7	0.85	1.0	1.0	0.3	1.4	17.5	500	-
3CX6+6	6	7	1.06	1.0	1.0	0.3	1.4	19.0	601	-
3CX10+10	10	7	1.35	1.0	1.0	0.3	1.5	21.0	784	-
3CX16+16	16	7	1.74	1.0	1.0	0.3	1.6	24.5	1103	-
3CX25+16	25	7	2.20	1.2	1.0	0.3	1.7	27.5	1480	-
3CX35+17.5	35	7	2.58	1.2	1.0	0.3	1.8	30.0	1849	-
3CX50+25	50	19	1.78	1.4	1.0	0.3	1.9	34.0	2466	-
3CX70+35	70	19	2.20	1.4	1.2	0.4	2.1	40.0	3410	-
3CX95+47.5	95	19	2.58	1.6	1.2	0.5	2.3	46.0	4451	-
3CX120+60	120	37	2.03	1.6	1.4	0.5	2.4	50.5	5497	-
3 C + Eart G/Y										
3C+ E x 2.5	2.5	7	0.67	1.0	1.0	0.3	1.3	17.0	476	462
3C+ E x 4	4	7	0.85	1.0	1.0	0.3	1.4	18.5	583	568
3C+ E x 6	6	7	1.06	1.0	1.0	0.3	1.4	20.0	709	693
3C+ E x 10	10	7	1.35	1.0	1.0	0.3	1.5	22.5	938	919
3C+ E x 16	16	7	1.74	1.0	1.0	0.3	1.6	25.0	1247	1226
3C+ E x 25	25	7	2.20	1.2	1.0	0.3	1.7	30.0	1811	1785
3C+ E x 35	35	7	2.58	1.2	1.0	0.3	1.8	32.5	2282	2253
3C+ E x 50	50	19	1.78	1.4	1.2	0.3	2.0	38.0	3121	3087
3C+ E x 70	70	19	2.20	1.4	1.2	0.4	2.2	44.0	4255	4202
3C+ E x 95	95	19	2.58	1.6	1.2	0.4	2.4	49.5	5559	5500
3C+ E x 120	120	37	2.03	1.6	1.4	0.4	2.5	53.5	6702	6638
3C+ E x 150	150	37	2.25	1.8	1.4	0.4	2.7	59.0	8217	8145
3C+ E x 185	185	37	2.58	2.0	1.6	0.4	2.9	66.0	10132	10052
3C+ E x 240	240	61	2.25	2.2	1.6	0.4	3.1	73.0	12733	12643

Cores x Sqmm	Sq mm	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR (ATC) Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour RFOU	Cable Approx. Net Weight with GI Braided Armour RFCU
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
Screen as Earth										
4C X 1.5+4	1.5	7	0.53	1.0	1.0	0.3	1.3	16.0	405	-
4C X 2.5+6	2.5	7	0.67	1.0	1.0	0.3	1.4	17.5	484	-
4C X 4+6	4	7	0.85	1.0	1.0	0.3	1.4	18.5	583	-
4C X 6+6	6	7	1.06	1.0	1.0	0.3	1.5	20.5	719	-
4C X 10+10	10	7	1.35	1.0	1.0	0.3	1.5	22.5	938	-
4C X 16+16	16	7	1.74	1.0	1.0	0.3	1.6	25.0	1247	-
4C X 25+16	25	7	2.20	1.2	1.0	0.3	1.8	30.0	1826	-
4C X 35+17.5	35	7	2.58	1.2	1.0	0.3	1.9	33.0	2298	-
4C X 50+25	50	19	1.78	1.4	1.2	0.4	2.1	38.5	3246	-
4C X 70+35	70	19	2.20	1.4	1.2	0.4	2.2	44.0	4255	-
4C X 95+47.5	95	19	2.58	1.6	1.4	0.5	2.5	51.0	5647	-
4C X 120+60	120	37	2.03	1.6	1.4	0.5	2.6	54.0	6741	-
4 C + Eart G/Y i.e 5C										
Grey(Off-White), Black, Red, Blue & Green										
4C+E X 2.5	2.5	7	0.67	1.0	1.0	0.3	1.4	18.5	555	540
4C+E X 4	4	7	0.85	1.0	1.0	0.3	1.4	20.0	675	659
4C+E X 6	6	7	1.06	1.0	1.0	0.3	1.5	22.0	839	820
4C+E X 10	10	7	1.35	1.0	1.0	0.3	1.5	24.0	1106	1085
4C+E X 16	16	7	1.74	1.0	1.0	0.3	1.6	27.0	1483	1459
4C+E X 25	25	7	2.20	1.2	1.0	0.3	1.8	33.0	2185	2157
4C+E X 35	35	7	2.58	1.2	1.0	0.3	1.9	35.5	2764	2733
4C+E X 50	50	19	1.78	1.4	1.2	0.4	2.1	42.0	3905	3855
4C+E X 70	70	19	2.20	1.4	1.2	0.4	2.3	48.0	5164	5106
4C+E X 95	95	19	2.58	1.6	1.4	0.4	2.5	55.0	6821	6755
4C+E X 120	120	37	2.03	1.6	1.4	0.4	2.7	59.0	8198	8127
4C+E X 150	150	37	2.25	1.8	1.6	0.4	2.9	65.0	10129	10050
4C+E X 185	185	37	2.58	2.0	1.6	0.4	3.1	73.0	12414	12325
4C+E X 240	240	61	2.25	2.2	1.6	0.4	3.4	81.0	15665	15566
4C+E X 300	300	61	2.52	2.4	1.8	0.4	3.6	89.0	19273	19163
4C+E X 400	400	61	2.88	2.6	1.8	0.4	4.0	100.0	24979	24856

| 3 C + Earth | | | | | | | | | |

RFCU P1-P8	Cross Sectional Area	No. of Strands	Dia.of Each Strand	Insulation nom thickness M	Inner cover Approx thickness	GI Braid wire dia	Nominal Thickness of Outer Sheath	Cable Approx. Overall Dia.	RFOU Cable ATC Braided Approx. weight	RFCU Cable GI Braided Approx. weight
Cores x Sqmm	sq.mm.		mm	mm	mm	mm	mm	mm	kg/km	kg/km
2C X 1.5	1.5	7	0.53	1.0	1.0	0.3	1.3	14.5		310
2C X 2.5	2.5	7	0.67	1.0	1.0	0.3	1.3	15.5		355
2C X 4	4	7	0.85	1.0	1.0	0.3	1.3	16.5		418
2C X 6	6	7	1.06	1.0	1.0	0.3	1.4	18.0		506
2C X 10	10	7	1.35	1.0	1.0	0.3	1.4	19.5		640
2C X 16	16	7	1.74	1.0	1.0	0.3	1.5	23.5		945
2C X 25	25	7	2.20	1.2	1.0	0.3	1.6	26.0		1184
3C X 1.5	1.5	7	0.53	1.0	1.0	0.3	1.3	15.0		343
3C X 2.5	2.5	7	0.67	1.0	1.0	0.3	1.3	16.0		399
3C X 4	4	7	0.85	1.0	1.0	0.3	1.4	17.5		486
3C X 6	6	7	1.06	1.0	1.0	0.3	1.4	19.0		585
3C X 10	10	7	1.35	1.0	1.0	0.3	1.5	21.0		767
3C X 16	16	7	1.74	1.0	1.0	0.3	1.6	24.5		1082
3C X 25	25	7	2.20	1.2	1.0	0.3	1.7	27.5		1456
3C X 35	35	7	2.58	1.2	1.0	0.3	1.8	30.0		1823
3C X 50	50	19	1.78	1.4	1.0	0.3	1.9	34.0		2436
3C X 70	70	19	2.20	1.4	1.2	0.4	2.1	40.0		3363
3C X 95	95	19	2.58	1.6	1.2	0.5	2.3	46.0		4396
3C X 120	120	37	2.03	1.6	1.4	0.5	2.4	50.5		5436
3 C + Eart G/Y										
4C +E x 1.5	1.5	7	0.53	1.0	1.0	0.3	1.3	16.0		392
3C+ E x 2.5	2.5	7	0.67	1.0	1.0	0.3	1.3	17.0		462
3C+ E x 4	4	7	0.85	1.0	1.0	0.3	1.4	18.5		568
3C+ E x 6	6	7	1.06	1.0	1.0	0.3	1.4	20.0		693
3C+ E x 10	10	7	1.35	1.0	1.0	0.3	1.5	22.5		919
3C+ E x 16	16	7	1.74	1.0	1.0	0.3	1.6	25.0		1226
3C+ E x 25	25	7	2.20	1.2	1.0	0.3	1.7	30.0		1785
3C+ E x 35	35	7	2.58	1.2	1.0	0.3	1.8	32.5		2253
3C+ E x 50	50	19	1.78	1.4	1.2	0.3	2.0	38.0		3087
3C+ E x 70	70	19	2.20	1.4	1.2	0.4	2.2	44.0		4202
3C+ E x 95	95	19	2.58	1.6	1.2	0.4	2.4	49.5		5500
3C+ E x 120	120	37	2.03	1.6	1.4	0.4	2.5	53.5		6638
3C+ E x 150	150	37	2.25	1.8	1.4	0.4	2.7	59.0		8145
3C+ E x 185	185	37	2.58	2.0	1.6	0.4	2.9	66.0		10052
3C+ E x 240	240	61	2.25	2.2	1.6	0.4	3.1	73.0		12643

RFCU P1-P8	Cross Sectional Area	No. of Strands	Dia.of Each Strand	Insulation nom thickness M	Inner cover Approx thickness	GI Braid wire dia	Nominal Thickness of Outer Sheath	Cable Approx. Overall Dia.	RFOU Cable ATC Braided Approx. weight	RFCU Cable GI Braided Approx. weight
Cores x Sqmm	sq.mm.		mm	mm	mm	mm	mm	mm	kg/km	kg/km
4 C + Eart G/Y i.e 5C										
Grey(Off-White), Black, Red, Blue & Green										
4C+E X 2.5	2.5	7	0.67		1.0	0.3	1.4	18.5		540
4C+E X 4	4	7	0.85		1.0	0.3	1.4	20.0		659
4C+E X 6	6	7	1.06		1.0	0.3	1.5	22.0		820
4C+E X 10	10	7	1.35	1.0	1.0	0.3	1.5	24.0		1085
4C+E X 16	16	7	1.74	1.0	1.0	0.3	1.6	27.0		1459
4C+E X 25	25	7	2.20	1.2	1.0	0.3	1.8	33.0		2157
4C+E X 35	35	7	2.58	1.2	1.0	0.3	1.9	35.5		2733
4C+E X 50	50	19	1.78	1.4	1.2	0.4	2.1	42.0		3855
4C+E X 70	70	19	2.20	1.4	1.2	0.4	2.3	48.0		5106
4C+E X 95	95	19	2.58	1.6	1.4	0.4	2.5	55.0		6755
4C+E X 120	120	37	2.03	1.6	1.4	0.4	2.7	59.0		8127
4C+E X 150	150	37	2.25	1.8	1.6	0.4	2.9	65.0		10050
4C+E X 185	185	37	2.58	2.0	1.6	0.4	3.1	73.0		12325
4C+E X 240	240	61	2.25	2.2	1.6	0.4	3.4	81.0		15566
4C+E X 300	300	61	2.52	2.4	1.8	0.4	3.6	89.0		19163
4C+E X 400	400	61	2.88	2.6	1.8	0.4	4.0	100.0		24856





CONTROL CABLE - NEK 606 SPECIFICATION



RATED OPERATING VOLTAGE : 0.6/1.0 KV (1.2kV)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 353 & NEK 606, TYPEs RFOU or RFCU P1 -P8

1. **CONDUCTOR MATERIAL :** Stranded, annealed, tinned copper class 2 as per IEC 60228
2. **INSULATION MATERIAL :** EPDM Insulation
3. **INNER COVER MATERIAL :** Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359
4. **ARMOUR/ BRAIDING MATERIAL :** Type RFOU - Annealed Tinned Copper Wire, Option Type RFCU GI wire
5. **OUTER SHEATH MATERIAL :** Polyolefin SHF2 compound as per IEC 60092-359 & MUD resistant as per NEK 606.

EPDM INSULATED, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

Standard Specification : IEC 60092-350, 353 & NEK 606. Voltage Grade : 0.6/1.0 (1.2) kV

DIMENSIONS & WEIGHT

Cores x Sqmm	Sq mm	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR (ATC) Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour RFOU	Cable Approx. Net Weight with GI Braided Armour RFCU
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
Screen as Earth										
5C X 1.5+6	1.5	7	0.53	1.0	1.0	0.3	1.4	17.5	469	455
5C X 2.5+6	2.5	7	0.67	1.0	1.0	0.3	1.4	18.5	555	540
7C X 1.5+6	1.5	7	0.53	1.0	1.0	0.3	1.4	18.5	542	527
7C X 2.5+6	2.5	7	0.67	1.0	1.0	0.3	1.5	20.0	660	644
12C X 1.5+10	1.5	7	0.53	1.0	1.0	0.3	1.6	23.5	844	824
12C X 2.5+10	2.5	7	0.67	1.0	1.0	0.3	1.6	25.0	1029	1008
19C X 1.5+10	1.5	7	0.53	1.0	1.0	0.3	1.7	26.5	1124	1101
19C X 2.5+10	2.5	7	0.67	1.0	1.0	0.3	1.8	29.0	1408	1383
27C X 1.5+10	1.5	7	0.53	1.0	1.0	0.3	1.8	31.5	1527	1500
27C X 2.5+16	2.5	7	0.67	1.0	1.0	0.3	1.9	34.0	1928	1898
37C X 1.5+16	1.5	7	0.53	1.0	1.2	0.3	2.0	35.5	1954	1923
37C X 2.5+16	2.5	7	0.67	1.0	1.2	0.4	2.1	39.0	2589	2543
5C X 1.5	1.5	7	0.53	1.0	1.0	0.3	1.4	17.5		455
5C X 2.5	2.5	7	0.67	1.0	1.0	0.3	1.4	18.5		540
7C X 1.5	1.5	7	0.53	1.0	1.0	0.3	1.4	18.5		527
7C X 2.5	2.5	7	0.67	1.0	1.0	0.3	1.5	20.0		644
12C X 1.5	1.5	7	0.53	1.0	1.0	0.3	1.6	23.5		824
12C X 2.5	2.5	7	0.67	1.0	1.0	0.3	1.6	25.0		1008
19C X 1.5	1.5	7	0.53	1.0	1.0	0.3	1.7	26.5		1101
19C X 2.5	2.5	7	0.67	1.0	1.0	0.3	1.8	29.0		1383
27C X 1.5	1.5	7	0.53	1.0	1.0	0.3	1.8	31.5		1500
27C X 2.5	2.5	7	0.67	1.0	1.0	0.3	1.9	34.0		1898
37C X 1.5	1.5	7	0.53	1.0	1.2	0.3	2.0	35.5		1923
37C X 2.5	2.5	7	0.67	1.0	1.2	0.4	2.1	39.0		2543

FIRE RESISTANT POWER CABLES - NEK 606 SPECIFICATION

RATED OPERATING VOLTAGE : 0.6/1.0 kV (1.2kV)

MAX CONDUCTOR OPERATING TEMPERATURE: 90° C

CABLE DESIGN STANDARDS: IEC 60092-350, 353 & NEK 606, TYPEs BFOU or BFCU P5 -P12



1. CONDUCTOR MATERIAL : Stranded, annealed, tinned copper class 2 as per IEC 60228

2. HEAT BARRIER : Mica tape

3. INSULATION MATERIAL : Extruded EPDM Insulation

4. INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359.

5. ARMOUR/ BRAIDING MATERIAL : Type BFOU - Annealed Tinned Copper Wire, Option Type BFCU GI wire

6. OUTERSHEATH MATERIAL : Polyolefin SHF2 compound as per IEC 60092-359 & MUD resistant as per NEK 606.

EPDM INSULATED, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

Standard Specification : IEC 60092-350, 353 & NEK 606. Voltage Grade : 0.6/1.0 (1.2) kV

DIMENSIONS & WEIGHT

Cores x Sqmm	Sq mm	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR (ATC) Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour BFOU	Cable Approx. Net Weight with GI Braided Armour BFCU
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
1C X 10	10	7	1.35	1.0	1.0	0.2	1.2	13.5	307	
1C X 16	16	7	1.74	1.0	1.0	0.2	1.2	14.5	379	
1C X 25	25	7	2.20	1.2	1.0	0.3	1.3	17.0	567	
1C X 35	35	7	2.58	1.2	1.0	0.3	1.3	18.0	680	
1C X 50	50	19	1.78	1.4	1.0	0.3	1.4	20.0	876	
1C X 70	70	19	2.20	1.4	1.0	0.3	1.4	22.0	1108	
1C X 95	95	19	2.58	1.6	1.0	0.3	1.5	24.5	1412	
1C X 120	120	37	2.03	1.6	1.0	0.3	1.6	26.0	1675	
1C X 150	150	37	2.25	1.8	1.0	0.3	1.7	28.5	2026	
1C X 185	185	37	2.58	2.0	1.0	0.3	1.7	31.0	2428	
1C X 240	240	61	2.25	2.2	1.0	0.3	1.8	34.0	3023	
1C X 300	300	61	2.52	2.4	1.0	0.3	1.9	37.0	3668	
1C X 400	400	61	2.88	2.6	1.2	0.4	2.1	42.0	4876	
1C X 500	500	61	3.23	2.8	1.2	0.4	2.2	46.0	5920	
1C X 630	630	91	2.97	2.8	1.2	0.4	2.3	49.5	7199	
1C X 800	800	91	3.35	2.8	1.4	0.4	2.5	55.0	8925	
1C X 1000	1000	19	3.75	3.0	1.4	0.4	2.7	60.0	10919	

Cores x Sqmm	Sq mm	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR (ATC) Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour BFOU	Cable Approx. Net Weight with GI Braided Armour BFCU
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
Screen as earth										
2C X 1.5 + 7	1.5	7	0.53	1.0	1.0	0.3	1.3	16.5	390	
2C X 2.5 + 7	2.5	7	0.67	1.0	1.0	0.3	1.3	17.0	440	
2C X 4 + 8	4	7	0.85	1.0	1.0	0.3	1.4	18.5	517	
2C X 6 + 8	6	7	1.06	1.0	1.0	0.3	1.4	19.5	603	
2C X 10 + 10	10	7	1.35	1.0	1.0	0.3	1.5	21.5	756	
2C X 16 + 16	16	7	1.74	1.0	1.0	0.3	1.5	25.0	1045	
2C X 25 + 16	25	7	2.20	1.2	1.0	0.3	1.6	27.5	1320	
3C X 1.5 + 7	1.5	7	0.53	1.0	1.0	0.3	1.3	17.0	438	
3C X 2.5 + 7	2.5	7	0.67	1.0	1.0	0.3	1.4	18.0	508	
3C X 4 + 8	4	7	0.85	1.0	1.0	0.3	1.4	19.5	593	
3C X 6 + 9	6	7	1.06	1.0	1.0	0.3	1.5	21.0	710	
3C X 10 + 10	10	7	1.35	1.0	1.0	0.3	1.5	23.0	885	
3C X 16 + 16	16	7	1.74	1.0	1.0	0.3	1.6	25.0	1139	
3C X 25 + 16	25	7	2.20	1.2	1.0	0.3	1.7	29.5	1619	
3C X 35 + 17.5	35	7	2.58	1.2	1.0	0.3	1.8	32.0	2000	
3C X 50 + 25	50	19	1.78	1.4	1.2	0.3	2.0	38.0	2841	
3C X 70 + 35	70	19	2.20	1.4	1.2	0.4	2.1	42.0	3610	
3C X 95 + 47.5	95	19	2.58	1.6	1.2	0.4	2.3	47.5	4676	
3C X 120 + 60	120	37	2.03	1.6	1.4	0.5	2.4	52.5	5797	
3C + Earth C Green										
3C +E X 2.5	2.5	7	0.67	1.0	1.0	0.3	1.3	19.5	572	
3C +E X 4	4	7	0.85	1.0	1.0	0.3	1.4	21.0	686	
3C +E X 6	6	7	1.06	1.0	1.0	0.3	1.4	22.5	820	
3C +E X 10	10	7	1.35	1.0	1.0	0.3	1.5	24.5	1059	
3C +E X 16	16	7	1.74	1.0	1.0	0.3	1.6	27.0	1380	
3C +E X 25	25	7	2.20	1.2	1.0	0.3	1.8	32.5	1984	
3C +E X 35	35	7	2.58	1.2	1.0	0.3	1.9	35.0	2468	
3C +E X 50	50	19	1.78	1.4	1.2	0.3	2.0	40.0	3315	
3C +E X 70	70	19	2.20	1.4	1.2	0.4	2.2	46.0	4480	
3C +E X 95	95	19	2.58	1.6	1.4	0.4	2.4	52.5	5866	
3C +E X 120	120	37	2.03	1.6	1.4	0.4	2.5	55.5	6974	
3C +E X 150	150	37	2.25	1.8	1.4	0.4	2.7	61.0	8514	
3C +E X 185	185	37	2.58	2.0	1.6	0.4	2.9	68.5	10465	
3C +E X 240	240	61	2.25	2.2	1.6	0.4	3.2	75.5	13134	

Cores x Sqmm	Sq mm	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR (ATC) Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour BFOU	Cable Approx. Net Weight with GI Braided Armour BFCU
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
Screen as earth										
4C X 1.5 + 7	1.5	7	0.53	1.0	1.0	0.3	1.4	18.5	505	
4C X 2.5 + 8	2.5	7	0.67	1.0	1.0	0.3	1.4	19.5	581	
4C X 4 + 9	4	7	0.85	1.0	1.0	0.3	1.5	21.0	696	
4C X 6 + 9	6	7	1.06	1.0	1.0	0.3	1.5	22.5	830	
4C X 10 + 10	10	7	1.35	1.0	1.0	0.3	1.6	25.0	1071	
4C X 16 + 16	16	7	1.74	1.0	1.0	0.3	1.7	27.5	1393	
4C X 25 + 16	25	7	2.20	1.2	1.0	0.3	1.8	32.5	1984	
4C X 35 + 17.5	35	7	2.58	1.2	1.0	0.3	1.9	35.0	2468	
4C X 50 + 25	50	19	1.78	1.4	1.2	0.4	2.1	40.5	3447	
4C X 70 + 35	70	19	2.20	1.4	1.2	0.4	2.3	46.0	4502	
4C X 95 + 47.5	95	19	2.58	1.6	1.4	0.5	2.5	53.0	5904	
4C X 120 + 60	120	37	2.03	1.6	1.4	0.5	2.6	56.5	7084	
DESCRIPTION 10										
BFCU P5- P12 GI Braid	Cross Sectional Area	No. of Strands	Dia.of Each Strand	Insulation nom thickness	Inner cover Approx thickness	GI Braid wire dia	OS Nominal Thickness	Cable Approx. O.D of cable	BFOU Cable Cu braided approx weight	BFCU Cable GI braided approx weight
Cores x Sqmm	sq.mm.		mm	mm	mm	mm	mm	mm	kg/km	kg/km
2C X 1.5	1.5	7	0.53	1.0	1.0	0.3	1.3	16.5		377
2C X 2.5	2.5	7	0.67	1.0	1.0	0.3	1.3	17.0		426
2C X 4	4	7	0.85	1.0	1.0	0.3	1.4	18.5		502
2C X 6	6	7	1.06	1.0	1.0	0.3	1.4	19.5		587
2C X 10	10	7	1.35	1.0	1.0	0.3	1.5	21.5		738
2C X 16	16	7	1.74	1.0	1.0	0.3	1.5	25.0		1023
2C X 25	25	7	2.20	1.2	1.0	0.3	1.6	27.5		1296
3C X 1.5	1.5	7	0.53	1.0	1.0	0.3	1.3	17.0		418
3C X 2.5	2.5	7	0.67	1.0	1.0	0.3	1.4	18.0		487
3C X 4	4	7	0.85	1.0	1.0	0.3	1.4	19.5		570
3C X 6	6	7	1.06	1.0	1.0	0.3	1.5	21.0		686
3C X 10	10	7	1.35	1.0	1.0	0.3	1.5	23.0		866
3C X 16	16	7	1.74	1.0	1.0	0.3	1.6	25.0		1118
3C X 25	25	7	2.20	1.2	1.0	0.3	1.7	29.5		1584
3C X 35	35	7	2.58	1.2	1.0	0.3	1.8	32.0		1961
3C X 50	50	19	1.78	1.4	1.2	0.3	2.0	38.0		2795
3C X 70	70	19	2.20	1.4	1.2	0.4	2.1	42.0		3546
3C X 95	95	19	2.58	1.6	1.2	0.4	2.3	47.5		4601
3C X 120	120	37	2.03	1.6	1.4	0.5	2.4	52.5		5714

Cores x Sqmm	Sq mm	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR (ATC) Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour BFOU	Cable Approx. Net Weight with GI Braided Armour BFCU
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
3C + Earth C Green										
3C +E X 2.5	2.5	7	0.67	1.0	1.0	0.3	1.3	19.5		556
3C +E X 4	4	7	0.85	1.0	1.0	0.3	1.4	21.0		669
3C +E X 6	6	7	1.06	1.0	1.0	0.3	1.4	22.5		801
3C +E X 10	10	7	1.35	1.0	1.0	0.3	1.5	24.5		1038
3C +E X 16	16	7	1.74	1.0	1.0	0.3	1.6	27.0		1357
3C +E X 25	25	7	2.20	1.2	1.0	0.3	1.8	32.5		1955
3C +E X 35	35	7	2.58	1.2	1.0	0.3	1.9	35.0		2437
3C +E X 50	50	19	1.78	1.4	1.2	0.3	2.0	40.0		3279
3C +E X 70	70	19	2.20	1.4	1.2	0.4	2.2	46.0		4425
3C +E X 95	95	19	2.58	1.6	1.4	0.4	2.4	52.5		5803
3C +E X 120	120	37	2.03	1.6	1.4	0.4	2.5	55.5		6907
3C +E X 150	150	37	2.25	1.8	1.4	0.4	2.7	61.0		8440
3C +E X 185	185	37	2.58	2.0	1.6	0.4	2.9	68.5		10382
3C +E X 240	240	61	2.25	2.2	1.6	0.4	3.2	75.5		13042
4C X 1.5	1.5	7	0.53	1.0	1.0	0.3	1.4	18.5		490
4C X 2.5	2.5	7	0.67	1.0	1.0	0.3	1.4	19.5		565
4C X 4	4	7	0.85	1.0	1.0	0.3	1.5	21.0		679
4C X 6	6	7	1.06	1.0	1.0	0.3	1.5	22.5		811
4C X 10	10	7	1.35	1.0	1.0	0.3	1.6	25.0		1050
4C X 16	16	7	1.74	1.0	1.0	0.3	1.7	27.5		1369
4C X 25	25	7	2.20	1.2	1.0	0.3	1.8	32.5		1955
4C X 35	35	7	2.58	1.2	1.0	0.3	1.9	35.0		2437
4C X 50	50	19	1.78	1.4	1.2	0.4	2.1	40.5		3399
4C X 70	70	19	2.20	1.4	1.2	0.4	2.3	46.0		4447
4C X 95	95	19	2.58	1.6	1.4	0.5	2.5	53.0		5840
4C X 120	120	37	2.03	1.6	1.4	0.5	2.6	56.5		7016

FIRE RESISTANT CONTROL CABLES

RATED OPERATING VOLTAGE : 0.6/1.0 KV (1.2kV)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 353 & NEK 606, TYPEs BFOU or BFCU P5 -P12

1. CONDUCTOR MATERIAL : Stranded, annealed, tinned copper class 2 as per IEC 60228

2. HEAT BARRIER : Mica tape

3. INSULATION MATERIAL : Extruded EPDM Insulation

4. INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359, Optional Polyolefin SHF2 or other polymeric compounds as per IEC 60092-359

5. ARMOUR/ BRAIDING MATERIAL : Type BFOU - Annealed Tinned Copper Wire, Option Type BFCU GI wire

6. OUTER SHEATH MATERIAL : Polyolefin SHF2 compound as per IEC 60092-359 & MUD resistant as per NEK 606.



EPDM INSULATED, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

Standard Specification : IEC 60092-350, 353 & NEK 606. Voltage Grade : 0.6/1.0 (1.2) kV

DIMENSIONS & WEIGHT

BFCU P5-P12 GI Braid Cores x Sqmm	Cross Sectional Area sq.mm.	No. of Strands	Dia.of Each Strand mm	Insulation nom thickness mm	Inner cover Approx thickness mm	GI Braid wire dia mm	Nominal Thickness of Outer Sheath mm	Cable Approx. O.D of cable mm	BFOU Cable Cu braided approx weight kg/km	BFCU Cable GI braided approx weight kg/km
7C X 1.5	1.5	7	0.53	1.0	1.0	0.3	1.5	21.5		669
7C X 2.5	2.5	7	0.67	1.0	1.0	0.3	1.6	23.0		795
12C X 1.5	1.5	7	0.53	1.0	1.0	0.3	1.6	27.0		920
12C X 2.5	2.5	7	0.67	1.0	1.0	0.3	1.7	29.0		1108
19C X 1.5	1.5	7	0.53	1.0	1.0	0.3	1.8	31.0		1256
19C X 2.5	2.5	7	0.67	1.0	1.0	0.3	1.9	33.0		1535
27C X 1.5	1.5	7	0.53	1.0	1.2	0.3	2.0	37.0		1717
27C X 2.5	2.5	7	0.67	1.0	1.2	0.4	2.1	40.0		2206
37C X 1.5	1.5	7	0.53	1.0	1.2	0.4	2.1	41.5		2274
37C X 2.5	2.5	7	0.67	1.0	1.2	0.4	2.1	44.5		2796
Screen as earth										
7CX1.5+9	1.5	7	0.53	1.0	1.0	0.3	1.5	21.5	687	
7CX2.5+10	2.5	7	0.67	1.0	1.0	0.3	1.6	23.0	814	
12CX1.5+12	1.5	7	0.53	1.0	1.0	0.3	1.6	27.0	943	
12CX2.5+13	2.5	7	0.67	1.0	1.0	0.3	1.7	29.0	1133	
19CX1.5+13	1.5	7	0.53	1.0	1.0	0.3	1.8	31.0	1283	
19CX2.5+14	2.5	7	0.67	1.0	1.0	0.3	1.9	33.0	1564	
27CX1.5+16	1.5	7	0.53	1.0	1.2	0.3	2.0	37.0	1750	
27CX2.5+19	2.5	7	0.67	1.0	1.2	0.4	2.1	40.0	2254	
37CX1.5+25	1.5	7	0.53	1.0	1.2	0.4	2.1	41.5	2323	
37CX2.5+30	2.5	7	0.67	1.0	1.2	0.4	2.1	44.5	2850	

INSTRUMENTATION CABLES INDIVIDUAL SHEILDED

RATED OPERATING VOLTAGE : 150/250 V (300 V)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 376 & NEK 606, TYPEs RFOU (i) or RFCU(i) Types S1 -S5

INDIVIDUAL PAIR OR TRIAD SCREENED

1. CONDUCTOR MATERIAL : Stranded, annealed, tinned copper class 2 as per IEC 60228

2. INSULATION MATERIAL : EPDM Insulation

3. SHEILDING of individual unit : Cores twisted to form a pair or triad and shielded with lapped Mylar backed copper tape, Each unit provided with a stranded, tinned copper drain wire

4. INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359

5. ARMOUR/ BRAIDING MATERIAL : Type RFOU - Annealed Tinned Copper Wire, Option Type RFCU GI wire

6. OUTER SHEATH MATERIAL : Polyolefin SHF2 compound as per IEC 60092-359 & MUD resistant as per NEK 606.



EPDM INSULATED, INDIVIDUALY SHIELDED WITH CU.MYLAR TAPE, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

Standard Specification : IEC 60092-350, 376 & NEK 606, Voltage Grade : 150/250 (300) Volts

DIMENSIONS & WEIGHT

Pair/ Triad X Size	Sq mm	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour RFOU	Cable Approx. Net Weight with GI Braided Armour RFCU
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
1P X 0.75	0.75	7	0.37	0.6	1.0	0.2	1.1	11.5	178	172
2P X 0.75	0.75	7	0.37	0.6	1.0	0.2	1.2	15.0	277	269
3P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	16.5	372	358
4P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	18.0	435	420
5P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	19.0	494	478
6P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	19.5	539	522
7P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	20.0	585	569
8P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	22.0	669	651
9P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	23.0	721	701
10P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	25.0	807	786
11P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	25.0	846	824
12P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	25.5	893	871
13P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	26.5	949	926
14P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	27.0	990	966
15P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	28.0	1050	1026
16P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	28.5	1102	1077
17P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	29.0	1147	1122
18P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	29.5	1188	1163
19P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	29.5	1227	1201

Pair/ Triad X Size	Sq mm	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour RFOU	Cable Approx. Net Weight with GI Braided Armour RFCU
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
20P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	30.5	1295	1268
21P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	31.0	1341	1314
22P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	32.0	1393	1365
23P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	32.5	1439	1410
24P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	33.5	1509	1480
25P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	34.5	1562	1532
26P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	34.5	1601	1570
27P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	35.0	1649	1618
30P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	36.5	1794	1762
32P x 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	38.5	1944	1909
37P x 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	41.0	2181	2144
40P x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.1	43.5	2460	2408
44P x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.2	45.0	2648	2594
48P x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.2	46.0	2829	2774
50P x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.2	46.0	2906	2851
1P X 1.5	1.5	7	0.53	0.7	1.0	0.2	1.1	13.0	222	215
2P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.3	18.5	417	401
3P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.4	19.0	492	476
4P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.4	21.0	582	564
5P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.5	22.0	669	650
6P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.5	22.5	736	717
7P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.5	23.5	806	786
8P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.6	26.0	923	901
9P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.7	27.0	1012	988
10P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.7	29.5	1120	1094
11P x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.7	30.0	1181	1155
12P x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	31.0	1265	1238
13P x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	32.0	1351	1323
14P x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	32.5	1412	1383
15P x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.9	33.5	1498	1468
16P x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.9	34.5	1575	1545
17P x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.9	35.0	1646	1615
18P x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.9	35.5	1707	1676
19P x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.9	36.0	1771	1739
20P x 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	37.5	1903	1869
21P x 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	38.0	1974	1940
22P x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.1	40.0	2182	2135
23P x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.1	40.5	2256	2208
24P x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	41.5	2357	2308
25P x 0.10	1.5	7	0.53	0.7	1.2	0.4	2.2	42.5	2440	2389
26P x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	43.0	2506	2454
27P x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	43.5	2577	2525

Pair/ Triad X Size	Sq mm	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour RFOU	Cable Approx. Net Weight with GI Braided Armour RFCU
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
30P x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	45.5	2801	2746
32P x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	47.5	2979	2921
37P x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.4	50.5	3394	3332
40P x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.4	53.5	3663	3598
44P x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.6	55.0	3946	3879
48P x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.6	56.0	4197	4129
50P x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.6	56.5	4315	4247
1P X 2.5	2.5	7	0.67	0.7	1.0	0.2	1.2	14.0	264	256
2P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.4	20.0	497	481
3P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.4	20.5	591	573
4P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.5	22.5	718	699
5P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.6	24.0	829	809
6P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.6	25.0	924	903
7P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.6	25.5	1016	994
8P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.7	28.5	1165	1140
9P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.8	29.5	1280	1254
10P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.8	32.5	1433	1405
11P x 2.5	2.5	7	0.67	0.7	1.0	0.3	1.8	33.0	1519	1490
12P x 2.5	2.5	7	0.67	0.7	1.0	0.3	1.9	33.5	1613	1583
13P x 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	36.0	1779	1747
14P x 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	36.0	1863	1831
15P x 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	37.0	1960	1927
16P x 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	38.0	2064	2030
17P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.1	39.5	2289	2241
18P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.1	40.0	2377	2329
19P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.1	40.5	2464	2416
20P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	41.5	2591	2542
21P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	42.5	2691	2640
22P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	44.0	2819	2767
23P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	44.5	2919	2866
24P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	45.5	3028	2973
25P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	47.0	3137	3080
26P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	47.0	3225	3168
27P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.4	48.0	3347	3289
30P x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.5	50.5	3695	3635
32P x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.5	53.0	3932	3868
37P x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.6	56.0	4422	4355
40P x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.7	59.0	4777	4705
44P x 2.5	2.5	7	0.67	0.7	1.6	0.4	2.8	61.0	5221	5146
48P x 2.5	2.5	7	0.67	0.7	1.6	0.4	2.9	62.5	5593	5517
50P x 2.5	2.5	7	0.67	0.7	1.6	0.4	2.9	63.0	5760	5684

Pair/ Triad X Size	Sq mm	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour RFOU	Cable Approx. Net Weight with GI Braided Armour RFCU
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
1T X 0.75	0.75	7	0.37	0.6	1.0	0.2	1.1	11.5	187	181
2T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	17.5	380	366
3T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	18.0	444	429
4T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	20.0	528	512
5T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	21.5	606	588
6T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	23.0	696	676
7T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	23.0	742	723
8T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	25.5	840	818
9T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	27.5	937	913
10T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	29.0	1021	996
11T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	29.0	1067	1042
12T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	29.5	1131	1105
13T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	31.0	1208	1181
14T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	31.0	1255	1227
15T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	32.5	1349	1320
16T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	32.5	1395	1366
17T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	34.5	1478	1448
18T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	34.5	1524	1494
19T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	34.5	1570	1540
20T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	36.5	1674	1642
21T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	36.5	1720	1688
22T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	38.5	1826	1792
23T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	38.5	1872	1838
24T x 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	40.5	1999	1963
25T x 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	40.5	2045	2009
26T x 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	40.5	2091	2055
27T x 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	41.5	2176	2139
30T x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.1	43.5	2471	2418
32T x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.1	45.0	2626	2571
37T x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.2	46.5	2902	2846
40T x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.3	48.5	3114	3055
44T x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.4	52.5	3427	3363
48T x 0.75	0.75	7	0.37	0.6	1.4	0.4	2.4	54.0	3713	3648
50T x 0.75	0.75	7	0.37	0.6	1.4	0.4	2.4	54.0	3806	3740
1T X 1.5	1.5	7	0.53	0.7	1.0	0.2	1.2	13.0	247	241
2T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.4	20.5	508	491
3T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.4	21.5	607	588
4T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.5	23.5	731	710
5T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.6	25.5	856	834
6T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.6	27.5	978	954
7T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.6	27.5	1054	1030
8T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.7	31.0	1209	1182

Pair/ Triad X Size	Sq mm	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour RFOU	Cable Approx. Net Weight with GI Braided Armour RFCU
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
9T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	33.5	1354	1324
10T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	34.5	1459	1428
11T x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	34.5	1535	1504
12T x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.9	36.0	1670	1638
13T x 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	38.5	1823	1789
14T x 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	38.5	1899	1865
15T x 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	40.5	2024	1988
16T x 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	40.5	2100	2063
17T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.1	43.0	2364	2313
18T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.1	43.0	2440	2388
19T X 1.5	1.5	7	0.53	0.7	1.2	0.4	21	43.0	2516	2464
20T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	45.5	2674	2619
21T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	45.5	2749	2695
22T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	48.0	2913	2855
23T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	48.0	2988	2930
24T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	50.0	3128	3067
25T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	50.0	3203	3143
26T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	50.0	3279	3218
27T x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.4	52.0	3462	3399
30T X 1.5	1.5	7	0.53	0.7	1.4	0.4	2.4	53.5	3741	3676
32T x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.5	55.5	3978	3911
37T x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.6	58.0	4445	4374
40T x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.7	60.5	4769	4695
44T x 1.5	1.5	7	0.53	0.7	1.6	0.4	2.8	65.5	5313	5232
48T x 1.5	1.5	7	0.53	0.7	1.6	0.4	2.9	66.5	5679	5597
50T x 1.5	1.5	7	0.53	0.7	1.6	0.4	2.9	66.5	5830	5749
1T X 2.5	2.5	7	0.67	0.7	1.0	0.2	1.2	14.0	295	287
2T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.5	22.5	618	599
3T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.5	23.5	752	732
4T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.6	25.5	913	891
5T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.6	28.0	1069	1045
6T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.7	30.0	1239	1213
7T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.7	30.0	1348	1321
8T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.8	34.0	1547	1517
9T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.9	36.5	1734	1701
10T X 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	39.0	1933	1898
11T x 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	39.0	2041	2006
12T x 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	40.0	2179	2143
13T x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.1	42.5	2472	2421
14T x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.1	42.5	2580	2529
15T x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	45.0	2771	2717
16T x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	45.0	2879	2825

Pair/ Triad X Size	Sq mm	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour RFOU	Cable Approx. Net Weight with GI Braided Armour RFCU
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
17T x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	47.5	3074	3017
18T x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	47.5	3183	3125
19T x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	47.5	3291	3234
20T x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.4	50.0	3494	3434
21T x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.4	50.0	3602	3542
22T x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.5	53.5	3865	3800
23T x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.5	53.5	3973	3908
24T x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.6	56.0	4184	4116
25T x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.6	56.0	4292	4224
26T x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.6	56.0	4400	4332
27T x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.6	57.0	4543	4473
30T x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.7	59.5	4957	4885
32T x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.7	61.5	5243	5168
37T x 2.5	2.5	7	0.67	0.7	1.6	0.4	2.8	64.5	5947	5869
40T x 2.5	2.5	7	0.67	0.7	1.6	0.4	2.9	67.0	6385	6303
44T x 2.5	2.5	7	0.67	0.7	1.6	0.4	3.1	72.5	7056	6967
48T x 2.5	2.5	7	0.67	0.7	1.6	0.4	3.1	74.0	7530	7440
50T x 2.5	2.5	7	0.67	0.7	1.6	0.4	3.1	74.0	7746	7656



INSTRUMENTATION CABLES OVERALL SHEILDED (NEK 606)

RATED OPERATING VOLTAGE : 150/250 V (300 V)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 376 & NEK 606

CABLE OVERALL SCREENED : TYPEs RFOU (o) or RFCU(o) Types S2 -S6

1. **CONDUCTOR MATERIAL :** Stranded, annealed, tinned copper class 2 as per IEC 60228
2. **INSULATION MATERIAL :** EPDM Insulation
3. **OVERALL SHEILDING :** Overall shielded with lapped Mylar backed copper tape provided with a stranded, tinned copper drain wire under the shielding tape.
4. **INNER COVER MATERIAL :** Polyolefin SHF1 compound as per IEC 60092-359
5. **ARMOUR / BRAIDING MATERIAL :** Type RFOU - Annealed Tinned Copper Wire, Option Type RFCU GI wire
6. **OUTER SHEATH MATERIAL :** Polyolefin SHF2 compound as per IEC 60092-359 & MUD resistant as per NEK 606.



EPDM INSULATED, OVERALL SHIELD WITH CU.MYLAR TAPE, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

Standard Specification : IEC 60092-350, 376 & NEK 606, Voltage Grade : 150/250 (300) Volts

DIMENSIONS & WEIGHT

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour RFOU(o)	Cable Approx. Net Weight with GI Braided Armour RFCU(o)
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
1P X 0.75	0.75	7	0.37	0.6	1.0	0.2	1.1	11.5	178	172
2P X 0.75	0.75	7	0.37	0.6	1.0	0.2	1.2	15.5	275	266
3P X 0.75	0.75	7	0.37	0.6	1.0	0.2	1.2	16.0	308	299
4P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	18.0	413	398
5P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	18.5	452	436
6P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	19.5	496	479
7P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	20.0	531	514
8P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	21.5	594	576
9P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	22.5	644	625
10P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	24.5	709	688
11P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	24.5	737	716
12P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	25.0	773	751
13P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	26.5	831	809
14P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	26.5	862	839
15P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	27.0	898	875
16P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	28.0	938	914
17P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	28.5	974	949
18P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	28.5	1005	980
19P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	29.0	1034	1008
20P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	30.0	1090	1064

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour RFOU(o)	Cable Approx. Net Weight with GI Braided Armour RFCU(o)
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
21P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	30.5	1126	1099
22P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	31.0	1166	1139
23P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	31.5	1202	1174
24P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	32.5	1260	1231
25P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	33.0	1301	1271
26P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	33.5	1332	1302
27P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	34.0	1368	1338
30P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	35.0	1465	1434
32P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	37.0	1570	1537
37P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	38.5	1735	1700
40P x 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	41.5	1916	1879
44P x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.1	43.0	2178	2127
48P x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.2	44.0	2316	2263
50P x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.2	44.0	2373	2320
1P X 1.5	1.5	7	0.53	0.7	1.0	0.2	1.1	13.0	222	215
2P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.3	18.5	410	395
3P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.3	19.0	466	450
4P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.4	21.0	552	534
5P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.4	22.0	617	598
6P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.5	23.0	683	663
7P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.5	23.5	741	721
8P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.6	26.0	844	822
9P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.6	27.0	910	886
10P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.7	29.5	1015	989
11P x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.7	29.5	1065	1039
12P x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.7	30.5	1124	1097
13P x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.7	31.5	1194	1167
14P x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.7	32.0	1247	1218
15P x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	32.5	1318	1289
16P x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	33.5	1384	1355
17P x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.9	34.5	1457	1427
18P x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.9	35.0	1507	1476
19P x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.9	35.0	1557	1526
20P x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.9	36.0	1624	1592
21P x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.9	36.5	1681	1649
22P x 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	38.5	1804	1770
23P x 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	39.0	1862	1827
24P x 1.5	1.5	7	0.53	0.7	1.2	0.3	2.1	40.0	1948	1913
25P x 1.5	1.5	7	0.53	0.7	1.2	0.3	2.1	41.0	2017	1980
26P x 1.5	1.5	7	0.53	0.7	1.2	0.3	2.1	41.5	2068	2031
27P x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.1	42.5	2245	2194
30P x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	44.0	2431	2378
32P x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	46.0	2581	2525
37P x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	48.5	2884	2826

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour RFOU(o)	Cable Approx. Net Weight with GI Braided Armour RFCU(o)
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
40P x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	51.0	3087	3025
44P x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.5	53.5	3399	3334
48P x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.5	54.5	3602	3536
50P x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.5	54.5	3698	3631
1P X 2.5	2.5	7	0.67	0.7	1.0	0.2	1.2	14.0	264	256
2P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.4	20.0	488	471
3P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.4	21.0	568	550
4P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.5	23.0	680	660
5P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.5	24.0	765	744
6P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.6	25.0	856	835
7P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.6	25.5	934	912
8P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.7	28.5	1066	1041
9P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.7	29.5	1154	1128
10P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.8	32.0	1288	1260
11P x 2.5	2.5	7	0.67	0.7	1.0	0.3	1.8	32.5	1360	1331
12P x 2.5	2.5	7	0.67	0.7	1.0	0.3	1.8	33.0	1439	1410
13P x 2.5	2.5	7	0.67	0.7	1.0	0.3	1.9	35.0	1550	1520
14P x 2.5	2.5	7	0.67	0.7	1.0	0.3	1.9	35.0	1623	1591
15P x 2.5	2.5	7	0.67	0.7	1.0	0.3	1.9	36.0	1702	1670
16P x 2.5	2.5	7	0.67	0.7	1.0	0.3	1.9	37.0	1791	1758
17P x 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	38.5	1926	1892
18P x 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	38.5	1998	1964
19P x 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	39.0	2069	2034
20P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.1	41.0	2291	2243
21P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.1	41.5	2374	2324
22P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	43.0	2487	2436
23P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	43.5	2570	2518
24P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	44.5	2665	2612
25P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	45.5	2760	2705
26P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	46.0	2831	2776
27P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	47.0	2938	2882
30P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	48.5	3168	3109
32P x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.4	51.5	3442	3379
37P x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.5	54.0	3857	3791
40P x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.5	57.0	4136	4066
44P x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.7	59.0	4488	4416
48P x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.7	60.0	4770	4697
50P x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.7	60.5	4909	4835
1T X 0.75	0.75	7	0.37	0.6	1.0	0.2	1.1	11.8	197	191
2T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	18.0	385	370
3T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	19.0	438	422
4T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	20.0	502	485
5T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	22.0	580	561

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour RFOU(o)	Cable Approx. Net Weight with GI Braided Armour RFCU(o)
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
6T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	23.5	648	628
7T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	23.5	685	664
8T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	26.0	782	760
9T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	28.0	871	846
10T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	29.0	930	904
11T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	29.0	966	941
12T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	29.5	1020	994
13T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	31.0	1100	1073
14T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	31.0	1137	1109
15T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	32.5	1207	1178
16T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	32.5	1244	1215
17T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	34.0	1317	1286
18T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	34.0	1353	1323
19T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	34.0	1390	1359
20T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	36.0	1479	1447
21T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	36.0	1516	1483
22T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	38.0	1611	1577
23T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	38.0	1648	1614
24T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	39.5	1725	1689
25T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	39.5	1761	1725
26T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	39.5	1797	1762
27T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	40.5	1851	1814
30T x 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	42.5	2054	2016
32T x 0.75	0.75	7	0.37	0.6	1.2	0.3	2.1	44.0	2185	2145
37T x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.1	46.0	2535	2479
40T x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.2	48.0	2715	2657
44T x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.3	51.5	2983	2920
48T x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.3	52.5	3152	3088
50T x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.3	52.5	3225	3161
1T X 1.5	1.5	7	0.53	0.7	1.0	0.2	1.2	14.0	258	251
2T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.4	21.0	509	491
3T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.4	22.0	597	578
4T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.4	24.0	698	678
5T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.5	26.0	813	791
6T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.6	28.0	934	910
7T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.6	28.0	999	974
8T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.7	31.0	1145	1117
9T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.7	33.5	1262	1232
10T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	35.0	1372	1341
11T x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	35.0	1436	1405
12T x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	36.0	1524	1492
13T x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.9	38.0	1646	1612
14T x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.9	38.0	1710	1676
15T x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.9	40.0	1820	1784

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour RFOU(o)	Cable Approx. Net Weight with GI Braided Armour RFCU(o)
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
16T x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.9	40.0	1884	1848
17T x 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	42.5	2055	2017
18T x 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	42.5	2119	2081
19T x 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	42.5	2184	2146
20T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.1	45.0	2451	2396
21T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.1	45.0	2515	2460
22T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	47.5	2664	2607
23T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	47.5	2729	2671
24T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	50.0	2857	2796
25T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	50.0	2921	2861
26T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	50.0	2986	2925
27T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	51.0	3103	3041
30T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.4	53.0	3370	3306
32T x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.5	55.5	3637	3569
37T x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.5	57.5	4022	3952
40T x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.5	59.5	4281	4208
44T x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.7	64.5	4735	4657
48T x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.7	65.5	5026	4945
50T x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.7	65.5	5154	5074
1T X 2.5	2.5	7	0.67	0.7	1.0	0.2	1.2	15.0	305	298
2T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.4	22.5	607	587
3T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.5	24.0	737	717
4T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.5	26.0	873	851
5T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.6	28.0	1024	999
6T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.7	30.5	1183	1156
7T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.7	30.5	1277	1250
8T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.8	34.0	1463	1432
9T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.8	37.0	1617	1584
10T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.9	38.5	1761	1727
11T x 2.5	2.5	7	0.67	0.7	1.0	0.3	1.9	38.5	1855	1821
12T x 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	40.0	2036	2000
13T x 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	42.0	2178	2140
14T x 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	42.0	2272	2234
15T x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.1	45.0	2565	2511
16T x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.1	45.0	2659	2605
17T x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	47.5	2837	2780
18T x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	47.5	2931	2874
19T x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	47.5	3025	2968
20T x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	50.0	3215	3154
21T x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	50.0	3309	3248
22T x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	52.5	3476	3412
23T x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	52.5	3570	3506
24T x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.4	55.5	3816	3748
25T x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.4	55.5	3910	3842

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour RFOU(o)	Cable Approx. Net Weight with GI Braided Armour RFCU(o)
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
26T x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.4	55.5	4004	3936
27T x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.5	57.0	4158	4089
30T x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.5	59.0	4503	4431
32T x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.6	61.0	4784	4709
37T x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.7	63.5	5353	5276
40T x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.8	66.0	5743	5662
44T x 2.5	2.5	7	0.67	0.7	1.6	0.4	2.9	71.5	6386	6298
48T x 2.5	2.5	7	0.67	0.7	1.6	0.4	3.0	73.0	6833	6744
50T x 2.5	2.5	7	0.67	0.7	1.6	0.4	3.0	73.0	7021	6931



FIRE RESISTANT INSTRUMENTATION CABLES INDIVIDUAL SHEILDED

RATED OPERATING VOLTAGE : 150/250 V (300 V)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 376 & NEK 606

INDIVIDUAL PAIR OR TRIAD SCREENED : TYPEs BFOU (i) or BFCU(i) Types S3 -S7

1. CONDUCTOR MATERIAL : Stranded, annealed, tinned copper class 2 as per IEC 60228

2. HEAT BARRIER : Mica tape

3. INSULATION MATERIAL : Extruded EPDM Insulation

4. SHEILDING of individual unit : Cores twisted to form a pair or triad and shielded with lapped Mylar backed copper tape, Each unit provided with a stranded, tinned copper drain wire.

5. INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359

6. ARMOUR/ BRAIDING MATERIAL : Type BFOU - Annealed Tinned Copper Wire, Option Type BFCU GI wire

7. OUTER SHEATH MATERIAL : Polyolefin SHF2 compound as per IEC 60092-359 & MUD resistant as per NEK 606.



EPDM INSULATED, INDIVIDUALLY SHIELDED WITH CU.BACKED MYLAR TAPE, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

Standard Specification : IEC 60092-350, 376 & NEK 606, Voltage Grade : 150/250 (300) Volts

DIMENSIONS & WEIGHT

Pair/ Triad X Size	Sq mm	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour BFOU(i)	Cable Approx. Net Weight with GI Braided Armour BFCU(i)
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
1P X 0.75	0.75	7	0.37	0.6	1.0	0.2	1.1	13.5	223	216
2P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	19.0	417	402
3P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	19.5	481	465
4P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	21.5	577	559
5P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	22.5	650	630
6P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	23.5	724	704
7P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	24.5	789	768
8P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	27.0	904	880
9P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	28.0	977	952
10P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	31.0	1095	1068
11P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	31.0	1151	1123
12P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	32.0	1216	1188
13P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	33.5	1299	1269
14P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	33.5	1355	1325
15P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	34.5	1438	1407
16P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	35.5	1510	1478
17P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	36.5	1575	1543
18P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	36.5	1634	1601
19P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	37.0	1693	1659

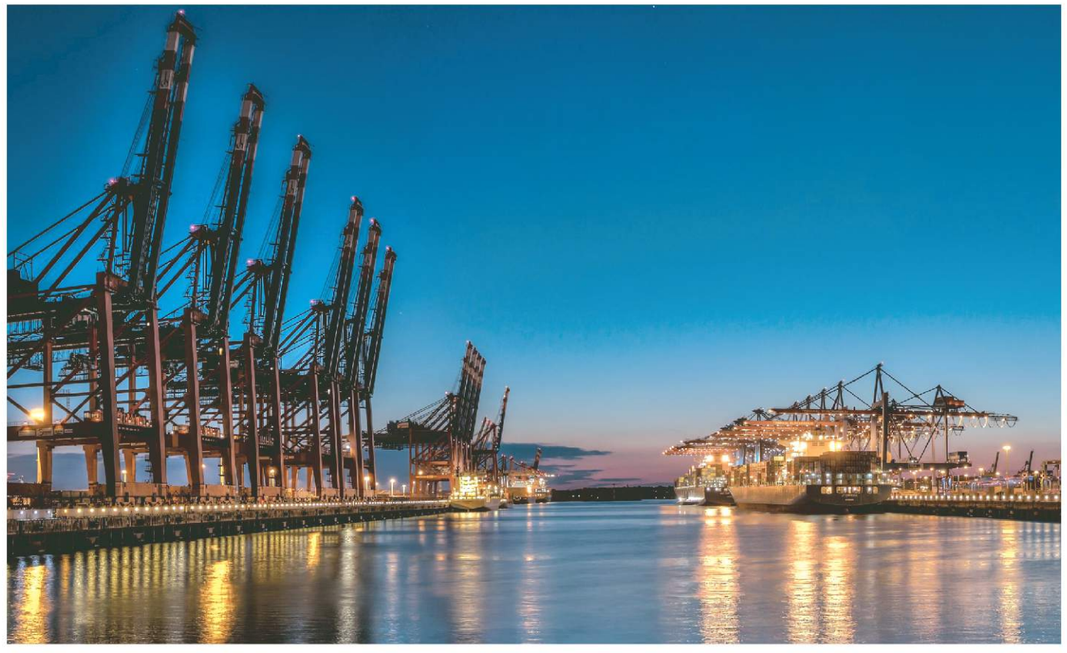
Pair/ Triad X Size	Sq mm	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour BFOU(i)	Cable Approx. Net Weight with GI Braided Armour BFCU(i)
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
20P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	38.5	1782	1748
21P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	39.0	1848	1813
22P x 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	40.5	1982	1945
23P x 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	41.5	2048	2011
24P x 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	42.5	2125	2086
25P x 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	43.5	2201	2162
26P x 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	44.0	2258	2218
27P x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.1	45.5	2475	2420
30P x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.1	47.0	2662	2605
32P x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.2	49.5	2854	2793
37P x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.3	52.0	3196	3132
40P x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.3	55.0	3428	3360
44P x 0.75	0.75	7	0.37	0.6	1.4	0.4	2.4	57.0	3749	3679
48P x 0.75	0.75	7	0.37	0.6	1.4	0.4	2.5	58.5	4007	3935
50P x 0.75	0.75	7	0.37	0.6	1.4	0.4	2.5	58.5	4115	4043
1P X 1.5	1.5	7	0.53	0.7	1.0	0.2	1.2	15.0	276	268
2P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.4	21.5	523	505
3P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.4	22.5	613	593
4P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.5	24.5	741	719
5P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.6	26.0	853	830
6P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.6	27.0	946	922
7P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.6	28.0	1036	1012
8P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.7	31.0	1188	1161
9P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	32.5	1305	1276
10P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	35.5	1446	1414
11P x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	36.0	1528	1496
12P x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.9	37.0	1638	1605
13P x 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	39.5	1808	1772
14P x 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	39.5	1890	1855
15P x 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	40.5	1985	1949
16P x 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	42.0	2090	2052
17P x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.1	43.5	2324	2271
18P x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.1	44.0	2410	2357
19P x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.1	44.5	2495	2441
20P x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	46.0	2625	2570
21P x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	46.5	2720	2664
22P x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	48.0	2852	2794
23P x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	49.0	2951	2892
24P x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	50.5	3061	3000
25P x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	51.5	3169	3106
26P x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	52.0	3256	3193
27P x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.4	53.0	3377	3312

Pair/ Triad X Size	Sq mm	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour BFOU(i)	Cable Approx. Net Weight with GI Braided Armour BFCU(i)
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
30P x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.5	55.5	3726	3658
32P x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.5	58.5	3964	3892
37P x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.6	61.5	4449	4373
40P x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.7	65.0	4807	4726
44P x 1.5	1.5	7	0.53	0.7	1.6	0.4	2.8	67.5	5250	5167
48P x 1.5	1.5	7	0.53	0.7	1.6	0.4	2.9	69.0	5616	5531
50P x 1.5	1.5	7	0.53	0.7	1.6	0.4	2.9	69.5	5775	5690
1P X 2.5	2.5	7	0.67	0.7	1.0	0.2	1.2	16.0	314	306
2P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.5	23.0	610	590
3P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.5	24.0	726	706
4P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.6	26.5	887	864
5P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.6	28.0	1015	990
6P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.7	29.0	1145	1119
7P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.7	30.0	1264	1238
8P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.8	33.5	1448	1419
9P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.9	35.0	1593	1562
10P X 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	39.0	1824	1789
11P x 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	39.5	1933	1898
12P x 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	40.5	2053	2017
13P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.1	43.0	2336	2285
14P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.1	43.5	2448	2395
15P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	44.5	2590	2537
16P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	46.0	2728	2672
17P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	47.0	2872	2815
18P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	47.5	2984	2927
19P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	48.0	3096	3038
20P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	49.5	3233	3174
21P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	50.5	3357	3296
22P x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.4	52.5	3571	3507
23P x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.4	53.5	3698	3634
24P x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.5	55.0	3863	3797
25P x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.5	56.5	4004	3935
26P x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.5	56.5	4113	4044
27P x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.6	58.0	4268	4198
30P x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.6	59.5	4616	4543
32P x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.7	63.0	4943	4866
37P x 2.5	2.5	7	0.67	0.7	1.6	0.4	2.8	67.0	5632	5549
40P x 2.5	2.5	7	0.67	0.7	1.6	0.4	2.9	71.0	6079	5991
44P x 2.5	2.5	7	0.67	0.7	1.6	0.4	3.1	73.5	6599	6509
48P x 2.5	2.5	7	0.67	0.7	1.6	0.4	3.1	74.5	7037	6945
50P x 2.5	2.5	7	0.67	0.7	1.6	0.4	3.1	75.0	7249	7156

Pair/ Triad X Size	Sq mm	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour BFOU(i)	Cable Approx. Net Weight with GI Braided Armour BFCU(i)
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
1T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	13.5	239	232
2T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	21.0	504	486
3T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	22.5	593	574
4T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	24.0	697	676
5T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	26.5	818	795
6T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	28.5	944	919
7T X 0.75	0.75	7	0.37	0.6	1.0	0.3	2.0	28.5	1011	985
8T X 0.75	0.75	7	0.37	0.6	1.0	0.3	2.0	32.0	1161	1133
9T X 0.75	0.75	7	0.37	0.6	1.0	0.3	2.0	34.5	1284	1252
10T X 0.75	0.75	7	0.37	0.6	1.0	0.3	2.1	36.0	1398	1365
11T x 0.75	0.75	7	0.37	0.6	1.0	0.3	2.1	36.0	1464	1432
12T x 0.75	0.75	7	0.37	0.6	1.0	0.4	2.1	37.5	1556	1522
13T x 0.75	0.75	7	0.37	0.6	1.0	0.4	2.1	39.5	1681	1646
14T x 0.75	0.75	7	0.37	0.6	1.0	0.4	2.2	39.5	1747	1712
15T x 0.75	0.75	7	0.37	0.6	1.0	0.4	2.2	41.5	1863	1825
16T x 0.75	0.75	7	0.37	0.6	1.0	0.4	2.2	41.5	1929	1892
17T x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.3	44.0	2108	2068
18T x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.3	44.0	2175	2135
19T x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.4	44.0	2241	2201
20T x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.4	46.5	2388	2345
21T x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.5	46.5	2454	2412
22T x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.6	49.5	2720	2660
23T x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.7	49.5	2787	2726
24T x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.7	52.0	2944	2880
25T x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.2	52.0	3011	2947
26T x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.2	52.0	3077	3013
27T x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.3	53.5	3197	3131
30T x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.3	55.5	3451	3383
32T x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.4	57.5	3668	3597
37T x 0.75	0.75	7	0.37	0.6	1.4	0.4	2.4	60.0	4125	4051
40T x 0.75	0.75	7	0.37	0.6	1.4	0.4	2.5	62.5	4423	4346
44T x 0.75	0.75	7	0.37	0.6	1.4	0.4	2.6	67.5	4867	4784
48T x 0.75	0.75	7	0.37	0.6	1.4	0.4	2.7	69.0	5199	5114
50T x 0.75	0.75	7	0.37	0.6	1.4	0.4	2.7	69.0	5332	5247
1T X 1.5	1.5	7	0.53	0.7	1.0	0.3	2.0	15.0	305	297
2T X 1.5	1.5	7	0.53	0.7	1.0	0.3	2.0	24.0	642	621
3T X 1.5	1.5	7	0.53	0.7	1.0	0.4	2.1	25.5	773	751
4T X 1.5	1.5	7	0.53	0.7	1.0	0.4	2.1	28.0	933	909
5T X 1.5	1.5	7	0.53	0.7	1.0	0.4	2.2	30.5	1086	1059
6T X 1.5	1.5	7	0.53	0.7	1.0	0.4	2.2	33.0	1259	1229
7T X 1.5	1.5	7	0.53	0.7	1.0	0.4	2.3	33.0	1360	1330
8T X 1.5	1.5	7	0.53	0.7	1.0	0.4	2.3	37.0	1562	1529

Pair/ Triad X Size	Sq mm	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour BFOU(i)	Cable Approx. Net Weight with GI Braided Armour BFCU(i)
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
9T X 1.5	1.5	7	0.53	0.7	1.0	0.4	2.3	40.5	1750	1713
10T X 1.5	1.5	7	0.53	0.7	1.2	0.4	2.4	42.5	1952	1913
11T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.4	42.5	2053	2014
12T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.5	44.0	2188	2148
13T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.5	47.0	2496	2439
14T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.6	47.0	2597	2540
15T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.6	49.5	2787	2727
16T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.6	49.5	2888	2828
17T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.6	52.5	3087	3023
18T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.7	52.5	3188	3124
19T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.7	52.5	3288	3225
20T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.8	55.5	3495	3428
21T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.9	55.5	3596	3529
22T x 1.5	1.5	7	0.53	0.7	1.4	0.4	3.1	59.0	3868	3796
23T x 1.5	1.5	7	0.53	0.7	1.4	0.4	3.1	59.0	3969	3896
24T x 1.5	1.5	7	0.53	0.7	1.4	0.4	3.1	62.0	4187	4111
25T x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.6	62.0	4288	4212
26T x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.6	62.0	4389	4313
27T x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.6	63.5	4530	4452
30T x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.7	65.5	4932	4851
32T x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.7	68.0	5212	5128
37T x 1.5	1.5	7	0.53	0.7	1.6	0.4	2.8	71.5	5899	5811
40T x 1.5	1.5	7	0.53	0.7	1.6	0.4	2.9	74.5	6332	6240
44T x 1.5	1.5	7	0.53	0.7	1.6	0.4	3.1	80.5	7000	6900
48T x 1.5	1.5	7	0.53	0.7	1.6	0.4	3.1	82.0	7448	7347
50T x 1.5	1.5	7	0.53	0.7	1.6	0.4	3.1	82.0	7650	7548
1T X 2.5	2.5	7	0.67	0.7	1.0	0.2	1.2	16.0	355	346
2T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.5	26.0	749	726
3T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.6	27.5	929	905
4T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.6	30.0	1118	1091
5T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.7	33.0	1325	1296
6T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.8	36.0	1540	1508
7T X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.8	36.0	1676	1644
8T X 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	41.0	1987	1951
9T X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.1	45.0	2350	2296
10T X 2.5	2.5	7	0.67	0.7	1.2	0.4	2.1	46.5	2537	2480
11T x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.1	46.5	2673	2616
12T x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	48.5	2873	2814
13T x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	51.0	3100	3038
14T x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	51.0	3236	3174
15T x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	54.0	3475	3409
16T x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	54.0	3611	3545

Pair/ Triad X Size	Sq mm	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour BFOU(i)	Cable Approx. Net Weight with GI Braided Armour BFCU(i)
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
17T x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.5	57.5	3913	3843
18T x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.5	57.5	4049	3979
19T x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.5	57.5	4185	4115
20T x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.5	60.5	4444	4370
21T x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.5	60.5	4580	4506
22T x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.6	64.0	4845	4766
23T x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.6	64.0	4981	4902
24T x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.7	67.5	5246	5163
25T x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.7	67.5	5382	5299
26T x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.7	67.0	5487	5405
27T x 2.5	2.5	7	0.67	0.7	1.6	0.4	2.8	69.0	5768	5683
30T x 2.5	2.5	7	0.67	0.7	1.6	0.4	2.9	71.5	6288	6200
32T x 2.5	2.5	7	0.67	0.7	1.6	0.4	3.0	74.5	6688	6596
37T x 2.5	2.5	7	0.67	0.7	1.6	0.4	3.1	77.5	7499	7404
40T x 2.5	2.5	7	0.67	0.7	1.6	0.4	3.2	81.0	8052	7951
44T x 2.5	2.5	7	0.67	0.7	1.6	0.4	3.3	87.5	8896	8787
48T x 2.5	2.5	7	0.67	0.7	1.6	0.4	3.4	89.0	9490	9380
50T x 2.5	2.5	7	0.67	0.7	1.6	0.4	3.4	89.0	9762	9652



FIRE RESISTANT INSTRUMENTATION CABLES - NEK 606 OVERALL SHEILDED

RATED OPERATING VOLTAGE : 150/250 V (300 V)

MAX CONDUCTOR OPERATING TEMPERATURE : 90° C

CABLE DESIGN STANDARDS : IEC 60092-350, 376 & NEK 606

CABLE OVERALL SCREENED : TYPEs BFOU (o) or BFCU(o) Types S4 -S8

1. CONDUCTOR MATERIAL : Stranded, annealed, tinned copper class 2 as per IEC 60228

2. HEAT BARRIER : Mica tape

3. INSULATION MATERIAL : Extruded EPDM Insulation

LAY UP : Cores twisted to form a pair or triad, Twisted pairs or triads laid up

4. OVERALL SHEILDING : Overall shielded with lapped Mylar backed copper tape provided with a stranded, tinned copper drain wire under the shielding tape.

5. INNER COVER MATERIAL : Polyolefin SHF1 compound as per IEC 60092-359.

6. ARMOUR/ BRAIDING MATERIAL : Type BFOU - Annealed Tinned Copper Wire, Option Type BFCU GI wire

7. OUTERSHEATH MATERIAL : Polyolefin SHF2 compound as per IEC 60092-359 & MUD resistant as per NEK 606.



EPDM INSULATED, OVERALL SHIELDED WITH CU BACKED MYLER TAPE, BRAIDED ARMOURED, HALOGEN FREE FR SHEATHED CABLE

Standard Specification : IEC 60092-350, 376 & NEK 606, Voltage Grade : 150/250 (300) Volts

DIMENSIONS & WEIGHT

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour BFOU(o)	Cable Approx. Net Weight with GI Braided Armour BFCU(o)
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
1P X 0.75	0.75	7	0.37	0.6	1.0	0.2	1.1	13.0	220	213
2P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	19.0	423	406
3P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	20.0	473	456
4P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	22.0	555	536
5P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	23.0	612	592
6P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	23.5	671	650
7P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	24.5	721	700
8P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	26.5	812	788
9P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	28.0	882	858
10P X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	30.5	973	946
11P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	30.5	1015	988
12P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	31.5	1066	1038
13P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	33.0	1146	1117
14P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	33.0	1190	1160
15P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	34.0	1241	1211
16P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	35.0	1300	1268
17P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	35.5	1365	1333
18P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	36.0	1409	1377

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour BFOU(o)	Cable Approx. Net Weight with GI Braided Armour BFCU(o)
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
19P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	36.5	1451	1418
20P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	37.5	1510	1476
21P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	38.0	1561	1527
22P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	39.5	1638	1603
23P x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	40.0	1690	1654
24P x 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	41.5	1810	1772
25P x 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	42.5	1871	1832
26P x 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	43.0	1916	1877
27P x 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	43.5	1966	1926
30P x 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	45.0	2106	2065
32P x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.1	48.0	2395	2336
37P x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.1	50.5	2635	2574
40P x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.2	53.5	2843	2778
44P x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.3	55.0	3048	2981
48P x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.3	56.0	3216	3148
50P x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.3	56.0	3294	3225
1P X 1.5	1.5	7	0.53	0.7	1.0	0.2	1.2	14.5	274	266
2P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.4	22.0	529	510
3P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.4	22.5	603	584
4P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.5	25.0	716	694
5P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.5	26.0	802	779
6P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.6	27.0	889	865
7P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.6	28.0	964	939
8P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.7	31.0	1100	1073
9P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.7	32.0	1187	1159
10P X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	35.0	1327	1295
11P x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	35.5	1392	1361
12P x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	36.5	1468	1435
13P x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.9	38.5	1583	1549
14P x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.9	38.5	1649	1614
15P x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.9	39.5	1725	1689
16P x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.9	40.5	1811	1774
17P x 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	42.0	1948	1910
18P x 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	42.5	2014	1976
19P x 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	43.0	2083	2044
20P x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.1	45.0	2317	2262
21P x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.1	45.5	2396	2341
22P x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	47.0	2509	2453
23P x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	48.0	2590	2531
24P x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	49.0	2685	2625
25P x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	50.5	2777	2716
26P x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	51.0	2845	2783

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour BFOU(o)	Cable Approx. Net Weight with GI Braided Armour BFCU(o)
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
27P x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	52.0	2949	2886
30P x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	53.5	3165	3100
32P x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.4	57.0	3449	3379
37P x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.5	60.0	3849	3775
40P x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.5	63.0	4121	4043
44P x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.7	65.0	4456	4376
48P x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.7	66.5	4723	4641
50P x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.7	67.0	4847	4765
1P X 2.5	2.5	7	0.67	0.7	1.0	0.2	1.2	15.5	312	304
2P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.4	23.0	603	583
3P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.4	24.0	712	691
4P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.5	26.5	843	819
5P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.6	28.0	963	938
6P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.6	29.0	1061	1036
7P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.6	30.0	1159	1133
8P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.8	33.5	1340	1311
9P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.8	34.5	1452	1421
10P X 2.5	2.5	7	0.67	0.7	1.0	0.3	1.9	38.0	1623	1589
11P x 2.5	2.5	7	0.67	0.7	1.0	0.3	1.9	38.5	1712	1678
12P x 2.5	2.5	7	0.67	0.7	1.0	0.3	1.9	39.5	1812	1777
13P x 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	42.0	1995	1957
14P x 2.5	2.5	7	0.67	0.7	1.2	0.3	2.0	42.0	2083	2045
15P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.1	44.0	2326	2273
16P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.1	45.0	2442	2387
17P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	46.0	2567	2511
18P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	46.5	2659	2603
19P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	47.0	2748	2691
20P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	48.5	2868	2809
21P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.2	49.5	2972	2912
22P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	51.0	3112	3050
23P x 2.5	2.5	7	0.67	0.7	1.2	0.4	2.3	52.0	3216	3153
24P x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.4	54.0	3415	3350
25P x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.4	55.0	3534	3467
26P x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.4	55.5	3627	3559
27P x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.4	56.5	3730	3661
30P x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.5	58.5	4046	3974
32P x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.6	62.0	4333	4257
37P x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.6	65.0	4820	4740
40P x 2.5	2.5	7	0.67	0.7	1.4	0.4	2.7	68.5	5202	5118
44P x 2.5	2.5	7	0.67	0.7	1.6	0.4	2.9	71.5	5707	5619
48P x 2.5	2.5	7	0.67	0.7	1.6	0.4	2.9	72.5	6061	5971
50P x 2.5	2.5	7	0.67	0.7	1.6	0.4	2.9	73.0	6232	6142

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour BFOU(o)	Cable Approx. Net Weight with GI Braided Armour BFCU(o)
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
1T X 0.75	0.75	7	0.37	0.6	1.0	0.2	1.1	13.5	247	240
2T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.3	21.5	511	492
3T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	23.0	597	577
4T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.4	24.5	690	668
5T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	27.0	797	773
6T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	29.0	897	872
7T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.5	29.0	949	923
8T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.6	32.0	1087	1058
9T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	35.0	1214	1183
10T X 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	36.0	1297	1264
11T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	36.0	1348	1316
12T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.7	37.5	1446	1412
13T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	39.5	1539	1504
14T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	39.5	1591	1555
15T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	41.5	1711	1673
16T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.8	41.5	1762	1724
17T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	43.5	1866	1827
18T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	43.5	1918	1878
19T x 0.75	0.75	7	0.37	0.6	1.0	0.3	1.9	43.5	1969	1929
20T x 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	46.5	2146	2103
21T x 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	46.5	2197	2155
22T x 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	49.0	2332	2287
23T x 0.75	0.75	7	0.37	0.6	1.2	0.3	2.0	49.0	2384	2339
24T x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.1	52.0	2643	2579
25T x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.1	52.0	2695	2631
26T x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.1	52.0	2746	2682
27T x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.2	53.0	2855	2789
30T x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.2	55.0	3064	2996
32T x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.3	57.0	3253	3183
37T x 0.75	0.75	7	0.37	0.6	1.2	0.4	2.3	59.0	3575	3502
40T x 0.75	0.75	7	0.37	0.6	1.4	0.4	2.4	62.0	3888	3811
44T x 0.75	0.75	7	0.37	0.6	1.4	0.4	2.5	67.0	4307	4224
48T x 0.75	0.75	7	0.37	0.6	1.4	0.4	2.6	68.0	4545	4461
50T x 0.75	0.75	7	0.37	0.6	1.4	0.4	2.6	68.0	4648	4564
1T X 1.5	1.5	7	0.53	0.7	1.0	0.2	1.2	15.5	314	306
2T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.4	24.5	649	627
3T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.5	26.0	776	754
4T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.5	28.5	911	886
5T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.6	31.0	1063	1035
6T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.7	33.5	1221	1191
7T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.7	33.5	1305	1275
8T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	37.5	1498	1464

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour BFOU(o)	Cable Approx. Net Weight with GI Braided Armour BFCU(o)
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
9T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.8	40.5	1671	1635
10T X 1.5	1.5	7	0.53	0.7	1.0	0.3	1.9	42.5	1798	1759
11T x 1.5	1.5	7	0.53	0.7	1.0	0.3	1.9	42.5	1881	1843
12T x 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	44.5	2062	2022
13T x 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	46.5	2201	2159
14T x 1.5	1.5	7	0.53	0.7	1.2	0.3	2.0	46.5	2285	2243
15T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.1	49.5	2594	2533
16T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.1	49.5	2677	2617
17T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	52.5	2863	2799
18T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	52.5	2946	2882
19T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.2	52.5	3030	2966
20T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	55.0	3221	3153
21T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	55.0	3304	3237
22T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	58.0	3478	3406
23T x 1.5	1.5	7	0.53	0.7	1.2	0.4	2.3	58.0	3561	3490
24T x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.4	61.5	3817	3741
25T x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.4	61.5	3901	3825
26T x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.4	61.5	3984	3909
27T x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.5	63.0	4139	4061
30T x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.5	65.0	4462	4381
32T x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.6	67.5	4739	4655
37T x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.7	70.5	5272	5185
40T x 1.5	1.5	7	0.53	0.7	1.4	0.4	2.8	73.5	5651	5560
44T x 1.5	1.5	7	0.53	0.7	1.6	0.4	2.9	79.5	6291	6192
48T x 1.5	1.5	7	0.53	0.7	1.6	0.4	3.0	81.0	6705	6605
50T x 1.5	1.5	7	0.53	0.7	1.6	0.4	3.0	81.0	6872	6772
1T X 2.5	2.5	7	0.67	0.7	1.0	0.2	2.4	16.0	364	356
2T X 2.5	2.5	7	0.67	0.7	1.0	0.3	3.0	26.5	766	742
3T X 2.5	2.5	7	0.67	0.7	1.0	0.3	3.0	28.0	916	891
4T X 2.5	2.5	7	0.67	0.7	1.0	0.3	3.2	30.5	1099	1072
5T X 2.5	2.5	7	0.67	0.7	1.0	0.3	3.4	33.5	1292	1262
6T X 2.5	2.5	7	0.67	0.7	1.0	0.3	3.4	36.5	1491	1459
7T X 2.5	2.5	7	0.67	0.7	1.0	0.3	3.4	36.5	1607	1574
8T X 2.5	2.5	7	0.67	0.7	1.0	0.3	3.8	40.5	1842	1806
9T X 2.5	2.5	7	0.67	0.7	1.2	0.3	4.0	44.5	2103	2062
10T X 2.5	2.5	7	0.67	0.7	1.2	0.3	4.0	46.5	2269	2226
11T x 2.5	2.5	7	0.67	0.7	1.2	0.3	4.0	46.5	2384	2342
12T x 2.5	2.5	7	0.67	0.7	1.2	0.4	4.0	48.5	2694	2635
13T x 2.5	2.5	7	0.67	0.7	1.2	0.4	4.4	51.0	2902	2840
14T x 2.5	2.5	7	0.67	0.7	1.2	0.4	4.4	51.0	3017	2955
15T x 2.5	2.5	7	0.67	0.7	1.2	0.4	4.4	54.0	3240	3174
16T x 2.5	2.5	7	0.67	0.7	1.2	0.4	4.4	54.0	3355	3289

Pair/ Triad X Size	Cross Sectional Area	No. of Strands in Conductor	Conductor Nom Dia of each strands	Insulation Nom. Thickness	Inner Cover Approx. Thickness	ARMOUR Braid Wire Diameter	Outer Sheath Nominal Thickness	Cable Approx. Overall Diameter	Cable Approx. Net Weight with ATC Braided Armour BFOU(o)	Cable Approx. Net Weight with GI Braided Armour BFCU(o)
no. X sq mm	Sq mm	No.	mm	mm	mm	mm	mm	mm	kg/km	kg/km
17T x 2.5	2.5	7	0.67	0.7	1.2	0.4	4.6	56.5	3557	3487
18T x 2.5	2.5	7	0.67	0.7	1.2	0.4	4.6	56.5	3672	3603
19T x 2.5	2.5	7	0.67	0.7	1.2	0.4	4.6	56.5	3788	3718
20T x 2.5	2.5	7	0.67	0.7	1.4	0.4	4.8	60.0	4083	4009
21T x 2.5	2.5	7	0.67	0.7	1.4	0.4	4.8	60.0	4199	4125
22T x 2.5	2.5	7	0.67	0.7	1.4	0.4	5.0	63.5	4444	4365
23T x 2.5	2.5	7	0.67	0.7	1.4	0.4	5.0	63.5	4559	4481
24T x 2.5	2.5	7	0.67	0.7	1.4	0.4	5.2	67.0	4807	4724
25T x 2.5	2.5	7	0.67	0.7	1.4	0.4	5.2	67.0	4922	4840
26T x 2.5	2.5	7	0.67	0.7	1.4	0.4	5.2	67.0	5037	4955
27T x 2.5	2.5	7	0.67	0.7	1.4	0.4	5.4	68.5	5227	5143
30T x 2.5	2.5	7	0.67	0.7	1.4	0.4	5.4	70.5	5655	5567
32T x 2.5	2.5	7	0.67	0.7	1.6	0.4	5.6	74.0	6084	5992
37T x 2.5	2.5	7	0.67	0.7	1.6	0.4	5.8	77.0	6794	6699
40T x 2.5	2.5	7	0.67	0.7	1.6	0.4	6.0	80.0	7284	7185
44T x 2.5	2.5	7	0.67	0.7	1.6	0.4	6.4	86.5	8045	7937
48T x 2.5	2.5	7	0.67	0.7	1.6	0.4	6.4	88.0	8559	8449
50T x 2.5	2.5	7	0.67	0.7	1.6	0.4	6.4	88.0	8790	8680



CONDUCTOR TECHNICAL DATA FOR SINGLE CORE & MULTI CORE CABLES CONFORMING TO IEC : 60228
ANNEALED COPPER CONDUCTOR, CIRCULAR / CIRCULAR COMPACTED / SHAPED

Nominal Area (Sq mm)	Minimum no. of wires in conductor			Class 2 Stranded Annealed Copper Conductor				Class 5 Flexible Annealed Copper Conductor			
				Plain Wires		Metal Coated Wires		Plain Wires		Metal Coated Wires	
	Circular	Circular Compacted	Shaped	Max. DC Resistance at 20°C Ω/km	Max. AC Resistance at 90°C Ω/km	Max. DC Resistance at 20°C Ω/km	Max. AC Resistance at 90°C Ω/km	Max. DC Resistance at 20°C Ω/km	Max. AC Resistance at 90°C Ω/km	Max. DC Resistance at 20°C Ω/km	Max. AC Resistance at 90°C Ω/km
0.5	7	-	-	36.0	45.9	36.7	46.8	39.0	49.7	40.1	51.1
0.75	7	-	-	24.5	31.2	24.8	31.6	26.0	33.2	26.7	34.0
1.0	7	-	-	18.1	23.1	18.2	23.2	19.5	24.9	20.0	25.5
1.5	7	6	-	12.1	15.4	12.2	15.6	13.3	17.0	13.7	17.5
2.5	7	6	-	7.41	9.45	7.56	9.64	7.98	10.17	8.21	10.47
4	7	6	-	4.61	5.88	4.70	5.99	4.95	6.31	5.09	6.49
6	7	6	-	3.08	3.93	3.11	3.97	3.30	4.21	3.39	4.32
10	7	6	-	1.83	2.33	1.84	2.35	1.91	2.44	1.95	2.49
16	7	6	-	1.15	1.47	1.16	1.48	1.21	1.54	1.24	1.58
25	7	6	6	0.727	0.927	0.734	0.936	0.780	0.995	0.795	1.014
35	7	6	6	0.524	0.668	0.529	0.674	0.554	0.706	0.565	0.720
50	19	6	6	0.387	0.493	0.391	0.499	0.386	0.492	0.393	0.501
70	19	12	12	0.268	0.342	0.270	0.344	0.272	0.347	0.277	0.353
95	19	15	15	0.193	0.246	0.195	0.249	0.206	0.263	0.210	0.268
120	37	18	18	0.153	0.195	0.154	0.196	0.161	0.205	0.164	0.209
150	37	18	18	0.124	0.158	0.126	0.161	0.129	0.164	0.132	0.168
185	37	30	30	0.0991	0.1264	0.1000	0.1275	0.106	0.135	0.108	0.138
240	37	34	34	0.0754	0.0961	0.0762	0.0972	0.0801	0.1021	0.0817	0.1042
300	61	34	34	0.0601	0.0766	0.0607	0.0774	0.0641	0.0817	0.0654	0.0834
400	61	53	53	0.0470	0.0599	0.0475	0.0606	0.0486	0.0620	0.0495	0.0631
500	61	53	53	0.0366	0.0467	0.0369	0.0470	0.0384	0.0490	0.0391	0.0499
630	91	53	53	0.0283	0.0361	0.0286	0.0365	0.0287	0.0366	0.0292	0.0372
800	91	53	-	0.0221	0.0282	0.0224	0.0286	-	-	-	-
1000	91	53	-	0.0176	0.0224	0.0177	0.0226	-	-	-	-

CURRENT RATINGS

Current carrying capacities in continuous service at maximum rated conductor temperature of 90 °C

Nomonal Area	Current Carrying Capacity					
	Single Core		Two Core		Three or Four Core	
(Sq mm)	Ampere		Ampere		Ampere	
1.5	23		20		16	
2.5	40		26		21	
4	51		34		28	
6	52		44		36	
10	72		61		50	
16	96		82		67	
25	127		108		89	
35	157		133		110	
50	196		167		137	
70	242		206		169	
95	293		249		205	
120	339		288		237	
150	389		331		272	
185	444		377		311	
240	522		444		365	
300	601		511		421	
	d. c.	a. c.	d. c.	a. c.	d. c.	a. c.
400	690	670	587	570	483	469
500	780	720	663	612	546	504
630	890	780	757	663	623	546

Note : The Current rating rating given above based on an ambient temperature of 45°C
: For more than 4 Core cables, the current rating are given by the following formula -

IN = I1 / 3√N

Where I1 = Current Rating for 1 Core Cable

N = No. of Cores

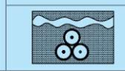
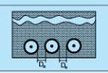
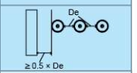
RATING FACTORS FOR VARIOUS AMBIENT AIR TEMPERATURES: for XLPE and EPDM insulated CABLES

Maximum Conductor Temperatur	Correction Factors for various ambient air temperature							
°C	35	40	45	50	55	60	65	70
90	1.10	1.05	1.00	0.94	0.88	0.82	0.74	0.67

For other conditions of installations; rating factors are given in the IEC 60092-352 are applicable.

CURRENT RATING FOR SINGLE CORE CABLE WITH XLPE ISULATION

RATED VOLTAGE 3.6/6 KV TO 18/30 kV COPPER CONDUCTOR

Nominal area of conductor	Buried direct in the ground 20°C		In single-way ducts 20°C		In Air 30°C		
	Trefoil	Flat spaced	Trefoil Ducts	Flat touching ducts	Trefoil	Flat touching	Flat spaced
							
mm^2	A	A	A	A	A	A	A
16	109	113	103	104	125	128	150
25	140	144	132	133	163	167	196
35	166	172	157	159	198	203	238
50	196	203	186	188	238	243	286
70	239	246	227	229	296	303	356
95	285	293	271	274	361	369	434
120	323	332	308	311	417	426	500
150	361	366	343	347	473	481	559
185	406	410	387	391	543	550	637
240	469	470	447	453	641	647	745
300	526	524	504	510	735	739	846
400	590	572	564	571	845	837	938
500	650	710	-	-	950	-	1090
630	730	790	-	-	1070	-	1260
800	820	910	-	-	1200	-	1410
1000	930	1030	-	-	1360	-	1610

Maximum conductor temperature	90°C	Thermal resistivity of soil	1.5 K.m/W
Ambient air temperature	30°C	Thermal resistivity of earthenware ducts	1.2 k.m/W
Ground temperature	20°C	Screens bonded at both ends.	
Depth of playing	0.8m		

CURRENT RATINGS FOR THREE-CORE CABLES WITH XLPE INSULATION-RATED VOLTAGE 3.6/6 kV TO 18/30 kV

COPPER CONDUCTOR ARMOURED AND UNARMOURED

Nominal area of conductor	Unarmoured			Armoured		
	Buried Direct in ground 20°C	In a Buried duct 20°C	In Air 30°C	Buried Direct in ground 20°C	In a Buried duct 20°C	In Air 30°C
						
mm^2	A	A	A	A	A	A
16	101	87	109	101	88	110
25	129	112	142	129	112	143
35	153	133	170	154	134	172
50	181	158	204	181	158	205
70	221	193	253	220	194	253
95	262	231	304	263	232	307
120	298	264	351	298	264	352
150	334	297	398	332	296	397
185	377	336	455	374	335	453
240	434	390	531	431	387	529
300	489	441	606	482	435	599
400	553	501	696	541	492	683

Maximum conductor temperature	90°C	Thermal resistivity of soil	1.5 K.m/W
Ambient air temperature	30°C	Thermal resistivity of earthenware ducts	1.2 k.m/W
Ground temperature	20°C	Screens bonded at both ends.	
Depth of playing	0.8m		

SHORT CIRCUIT RATINGS

1. The following short current rating are for cables normally operating at a maximum cunductor temperature of 90°C.
2. The theoretical temperature that arises in the cunductor during a short circuit, which is used as a basis of the calculation, is 250°c.
3. EPR and XLPE insulation are capable of withstanding of short term temperature up to 250°c.
4. The short circuit current rating for copper conductors given in the table are values for 1 & 0.5 second.

Nomonal Area (Sq mm)	Short Circuit Currents	
	1 Second K A	0.5 Second KA
1.0	0.14	0.20
1.5	0.22	0.30
2.5	0.36	0.51
4	0.57	0.81
6	0.86	1.21
10	1.43	2.02
16	2.29	3.24
25	3.58	5.06
35	5.01	7.08
50	7.15	10.11
70	10.01	14.16
95	13.59	19.21
120	17.16	24.27
150	21.45	30.34
185	26.46	37.41
240	34.32	48.54
300	42.90	60.67
400	57.20	80.89
500	71.50	101.12
630	90.09	127.41

For other duration the current may be calculated from the following formula-
Rating for any other duration :
1. Max. Initial Conductor Temperature : 90°C
2. Max. Final Conductor Temperature during short circuit : 250°C

Formula relating Short Circuit Rating with t second duration

$Itc = Icc / \sqrt{t}$

Where Itc = Short Circuit Current for t second
Icc = Short Circuit Current for 1 second
t = Short Circuit duration in {second}

INSTRUMENTATION CABLES

Electrical data	Unit	0.5 sq mm	0.75 sq mm	1.5 sq mm
Max. Loop resistance of pair @ 20°C	ohm/km	80	52	24.4
Pair capacitance, nom. at 800Hz	nF/km	55	50	60
Loop inductance	mH/km	0.6	0.6	0.7
Insulation resistance @20°C	Mohm*km	≥1500	≥1500	≥1500

DIAMETER TOLERANCE:

Cable outer diameter	Tolerance
mm	mm
1 – 10	± 0,5mm
10.1-20	± 1,0mm
20.1 – 30	± 1,5mm
30.1 – 40	± 2,0mm
40.1 – 50	± 2,5mm
> 50	± 3,0mm

CABLE BENDING RADIUS

Cables up to 3kV grade
< 25 mm OD - 6 X OD
> 25 mm OD - 9 X OD

Cables above 3kV grade
3 CORE 9 X OD
1 CORE 12 X OD

CORE IDENTIFICATION (Core Identifications are as per the requirements of respective standards or as per customers' specifications)

0,6/1kV	Normal type	G-type with earth conductor)
1-core	BK	
2-cores	BN BU	
3-cores	BN, GY, BK	YG, BN, BU
4-cores	BU, BN, GY, BK	YG, BN, GY, BK
5-cores		
7-cores	Black numbers on white base	Black numbers on white base Last core yellow/green.

BU = Blue, BN = Brown, BK = Black, GY= Grey, Y/G = Yellow/Green

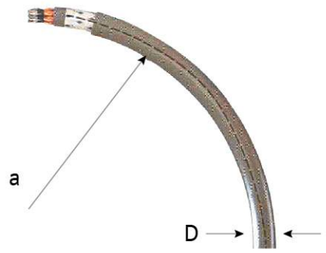
BU = Blue, BN = Brown, BK = Black, GY = Grey,
Y/G = Yellow/Green

Pair: White & Blue or Black & White (as per requirement)
Each pair numbered 1,2, 3, ……..

Triad : White, Blue & Red

INSTALLATION RECOMMENDATIONS

The minimum recommended installing bending radius shall be in accordance with IEC 60092-352.





Reel-to-Reel Rewinding

