

# THE POWER THAT LIGHTENS A MILLION LIVES.

We are KEI, The Wires & Cables Specialist.



# World class Quality, Incredible Range. Wires and cables Specialist.

KEI is one of the leading players in electrical wire and cable industry that provides one-stop solutions to its industrial and domestic 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 6000

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

Through GDR & FCCB

## Factory Area

Bhiwadi : 63943 Square Metres

Chopanki : 41356 Square Metres

Pathredi 1 : 31082 Square Metres

Pathredi 2 : 14530 Square Metres

Sanand : 282616 Square Metres

Silvassa : 45964 Square Metres

Chinchpada : 40000 Square Metres

## Awards and Accreditations







# KEI INDUSTRIES LTD PRODUCT RANGE

| PRODUCT                                                              | CONSTRUCTION                                                                                                                                                                                                                                                        | VOLTAGE GRADE                                                                               | SIZE                                                                                                                                                                                                                                                                 | REFERRED STANDARDS                                                                                                                                                                |
|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EHV Cables                                                           | Single Core Copper or Aluminium / Semicon / XLPE Insulated / Semicon XLPE / Water Swellable Tape / Lead or Corrugated Aluminium, Steel, Copper or Smooth Aluminium Sheathed or Aluminium poly laminated Tape, Armoured or Unarmoured PVC / PE Sheathed              | 66/110/132/220/275/330/400 kV                                                               | Upto 2500 Sq mm Copper / 3000 sqmm Aluminium                                                                                                                                                                                                                         | IEC 60840 / IEC 62067/ IS 7098 Part 3                                                                                                                                             |
| MV/ HV Cables                                                        | 1/3 Core - Al/Cu, XLPE / EPR Insulated, Armoured / Unarmoured, PVC / HR PVC / LSZH / FRLSH / FR / CSP/PCP/CPE/ HDPE Inner & Outer Sheath                                                                                                                            | 3.3 KV (E or UE)<br>3.8/6.6 KV<br>6.35/11KV(E)<br>11/11KV(UE)<br>12.7/22KV(E)<br>19/33KV(E) | 35 Sqmm to 1000 Sqmm for Single Core & 500 Sqmm for 3 Core                                                                                                                                                                                                           | IS 1554- (P-2), IS 7098(P-2), IEC 60502 - 2, IS 9969-2, IS 14494 BS:6622, BS 7835, AS/NZS 1429.1, NBR 6251, <b>UL 1072</b> & Relevant NFC                                         |
|                                                                      |                                                                                                                                                                                                                                                                     |                                                                                             | 35 Sqmm to 1000 Sqmm for Single Core & 500 Sqmm for 3 Core                                                                                                                                                                                                           |                                                                                                                                                                                   |
|                                                                      |                                                                                                                                                                                                                                                                     |                                                                                             | 35 Sqmm to 1000 Sqmm for Single Core & 500 Sqmm for 3 Core                                                                                                                                                                                                           |                                                                                                                                                                                   |
|                                                                      |                                                                                                                                                                                                                                                                     |                                                                                             | 35 Sqmm to 1000 Sqmm for Single Core & 500 Sqmm for 3 Core                                                                                                                                                                                                           |                                                                                                                                                                                   |
|                                                                      |                                                                                                                                                                                                                                                                     |                                                                                             | 50 Sqmm to 1600 Sqmm for Single Core & 500 Sqmm for 3 Core                                                                                                                                                                                                           |                                                                                                                                                                                   |
| LV Power & Cable                                                     | Al / Bare Cu / Tinned Cu, PVC / XLPE / HR PVC Insulated, Armoured / Unarmoured, LSZH / FRLSH / FR / PVC/HR PVC / HDPE Inner & Outer Sheath                                                                                                                          | 1000 OR 1100 Vots                                                                           | 1C - 1.5 Sqmm to 1000 sqmm                                                                                                                                                                                                                                           | IS 1554-(P-1) & (P-2), IS 7098 (P-1) & (P-2), IEC 60502-1 & 2, BS:5467, BS:6724, BS:6346, BS:7655, BS:7889, VDE:0207, VDE:0276, AS/NZS 5000.1,AS/NZS 5000.2, AS/NZS 5000.3 etc... |
|                                                                      |                                                                                                                                                                                                                                                                     |                                                                                             | 2C,3C,4C,3.5C - 1.5 sq mm to 500 sq.mm and as per client's requirement                                                                                                                                                                                               |                                                                                                                                                                                   |
| LV Control Cable                                                     | Bare Cu / Tinned Cu, PVC / XLPE / HR PVC Insulated, Armoured / Unarmoured, LSZH / FRLSH / FR / PVC/HR PVC / HDPE Inner & Outer Sheath                                                                                                                               | 1000 OR 1100 Vots                                                                           | 1.5 Sqmm - 2c to 61 Cores<br>2.5 Sqmm - 2C to 61 Cores and as per client requirement<br>Screened OR Unscreened                                                                                                                                                       | IS 1554-(P-1), IS:7098(P-1), IEC:60502-1, BS:5467,BS:6724, BS:6346                                                                                                                |
| Instrumentation / Signal Cables                                      | Bare Cu/ Tinned Cu, PVC / XLPE / HR PVC / LSZH / EVA / LDPE Insulated LSZH / PVC / HR PVC / HDPE / EVA / FRLSH Inner & Outer Sheath , Armoured / Individual Screened / Overall Screened / Tape / Braiding - Al Mylar/Cu Tape / Cu Wire /Pb Braid                    | 150 / 300 / 500 / 1100 Vots                                                                 | 1P to 100P - up to 6 Sqmm<br>1T to 100T - upto 6 sqmm and as per client's requirement                                                                                                                                                                                | EIL-6-52-46 REV-05, PAS:5308 Part 1&2, BSC 143-0.75 (24/0.2 mm) OAS, IEC 60092-375, 376, BS EN 50288-7, VDE:0815, VG 95218, NEK 606 and as per customer specifications            |
| Thermocouple Extension / Compensating Cables                         | Kx, Jx, Ex, Tx, Type Extension / Kx, Sx, Rx, Type, Compensating Conductor, XLPE / PVC / HR PVC / LSOH / LDPE Insulated, Armoured / unarmoured, PVC, HR PVC / LSZH / HDPE Inner & Outer Sheath, Individual / Overall AL Mylar / Copper Tape / Copper Braid Screening | 150/300 / 500 / 1100 Vots                                                                   | 12 AWG / 16 AWG / 20 AWG - UP TO 100 Pairs and as per Client requirement.                                                                                                                                                                                            | EIL SPEC:-6-52-46, ANSI:MC-96.1, ENI-163.00, IS:8784, BS:7655 IEC 60584-3                                                                                                         |
| Fire Survival / LSZH Cables                                          | AL/ Bare Cu/Tinned Cu, Heat Barrier Glass Mica Tape Screening, EPR/ LSZH/Silicon/EVA/XLPE Insulated, Wire /Flat/ Braid /Copper TAPE / GS/CU/AL/PB/SS/ATC Braid, PVC/HRPVC/LSZH/FRLSH/FR/CSP/EVA/PCP Inner & Outer Sheath                                            | 150 / 300 / 500 / 1100 Vots                                                                 | Power Cables : 1 Core to 5 Core - upto 1000 sqmm<br>Control Cables : upto 61 Cores - 0.5 Sqmm to 6 sqmm<br>Signal Cables : Up to 100 Pairs - from 0.5 Sqmm to 6 Sqmm<br>Signal Cables : Up to 100 traidis - from 0.5 Sqmm to 6 Sqmm                                  | IS: 1554-P1, IS:9968, IS:7098 (P-1) BS: 5467, VDE-0207, BS: 6346, IEC 331, BS:5746, IEC-60502-1, BS:7846, BSEN-60811& II, IEC:60092, NEK-606, BS:6883, BS:8519                    |
| Rubber Cables (Elastomeric Cables)                                   | Bare Cu / Tinned Cu, VIR / EPR/CSP/ SILICON/EVA/ BUTYL/SBR Insulated TRS/PCP/CSP/NBR PVC /EVA Inner & Outer Sheathed for Railways, Wind Mills, Steel Plants, Power Stations, Material Handling Equipments                                                           | 1.1 KV to 33kV                                                                              | 1C,2C,3C,4C - 0.5 Sqmm to 1000 Sqmm<br>3.5 C - 25 to 400 Sqmm and as per clients requirement                                                                                                                                                                         | IS 9968(P-1)& (P-2), IS: 14494, IEC 60502- 1 & 2, IEC:60092-350, VDE:250, BS6007, BS:7919, BS:6195, NCB:118, NES & DEFSTAN, RDSO Spec. NEK-606, BS:6883.                          |
| Solar cables                                                         | ATC / XLPO /XLPO<br>Can be supplied with Nylon 12 Jacket for termite protection & SS Braid for Bird Protection.                                                                                                                                                     | 1.5KV DC , Max 1.8 KV DC                                                                    | Single Core Or Twin - 1.5 Sq.mm to 400 Sq.mm                                                                                                                                                                                                                         | TUV 2Pfg 1169/08.2007/BSEN/EN 50618 / IEC 62930                                                                                                                                   |
| House Wires and Flexible                                             | Bare Cu / Tinned Cu, PVC/ HR PVC/ FR / FRLSH / LSZH INSULATED AND/ OR PVC / HR PVC / LSZH Sheath (for Multicores)                                                                                                                                                   | 450/750 or 650/1100 Volts                                                                   | House Wires - 0.5 Sqmm to 6 Sqmm<br>Multi core - 2C to 24 C - 0.5 sqmm to 400 Sqmm<br>Single Core Flexible - 0.5 Sqmm to 1000 sqmm<br>Building Cables - 0.5 Sqmm to 6 Sqmm and as per client Requirement                                                             | IS 694, IS 17048, BS:6004, BS:7655, BS:6500, BS:7211, IEC60227-1,2,5 CSA-22.2 No. 38-05 BS EN 50525-2-31, BS EN 50525-3-31                                                        |
| Communication cables                                                 | CCTV Cables                                                                                                                                                                                                                                                         |                                                                                             | CCTV 3+1 & 4+1                                                                                                                                                                                                                                                       | KEI specifications                                                                                                                                                                |
|                                                                      | Telephone Cables                                                                                                                                                                                                                                                    |                                                                                             | 1P,2P,3P,4P,5P,10P with 0.4mm & 0.5mm conductor                                                                                                                                                                                                                      | S/WS 113C & KEI specifications                                                                                                                                                    |
|                                                                      | UTP LAN Cables                                                                                                                                                                                                                                                      |                                                                                             | CAT 6 UTP                                                                                                                                                                                                                                                            | ANSI_TIA-568                                                                                                                                                                      |
|                                                                      | Co-Axial Cables                                                                                                                                                                                                                                                     |                                                                                             | RG 59, RG 6, RG 11 CU & RG 6, RG 11 CCS                                                                                                                                                                                                                              | ANSI_SCTE_74 & KEI specifications                                                                                                                                                 |
| Aerial Bunched Cables                                                | HD AL / AL Alloy / Cu, XLPE /PVC/PE Insulated, Insulation specially formulated for exposure to Sunlight and Outdoor Application, MV Cables XLPE Insulated & Screened, Cores are PVC Sheathed                                                                        | 1.1kv to 33KV                                                                               | 16 sqmm to 400 Sqmm                                                                                                                                                                                                                                                  | IS: 14255, BS: 7870-5, BS:625, HD:626, VDE:0276, PART 626, IEC:60502-1&2, NFC: 33 - 209, BS: 6485                                                                                 |
| Bare Conductors for Overhead Power Transmission & Distribution Lines | AAC, ACSR, AAAC                                                                                                                                                                                                                                                     |                                                                                             | 25 Sqmm to 1600 Sqmm and as per Client's Specification                                                                                                                                                                                                               | IS 398, BSEN 50182, ASTM B232, EC61089                                                                                                                                            |
| Electric Vehicle Charging Cable With Or Without Charging Plug.       | Class 5 flexible copper conductor as per IEC 60228 / Insulation – Halogen free compound EVI-2 for power cores and EVI-1 or EVI-2 for CC/CP cores / Sheath compound shall be EVM-1 (Z 5) or EVM-2 (Z6)                                                               | 300 / 500 Volts<br>450 / 750 Volts<br>1000V DC                                              | Power cables 300/500V – 1.5 sq.mm & 2.5 sq.mm 3 core<br>Power cables 450/750V – 1.5 sq.mm 3core & 2.5 sq.mm to 35 sq.mm 3,4 & 5 core<br>Power cores 1000V DC - 2C 16 Sq.mm to 70 Sq.mm<br>CC/CP cores- 0.5 sq.mm & 1 sq.mm- no. of cores as per customer requirement | EV Cable BSEN 50620                                                                                                                                                               |
| Gun (Charging Plug)                                                  |                                                                                                                                                                                                                                                                     |                                                                                             | Type 2 single/3 phase AC & CCS2 DC CHARGING                                                                                                                                                                                                                          | EV Gun IEC 62196                                                                                                                                                                  |
| Other Products                                                       |                                                                                                                                                                                                                                                                     |                                                                                             |                                                                                                                                                                                                                                                                      |                                                                                                                                                                                   |
| Submersible Cables / Winding Wires                                   | PVC Insulated Winding Wires / Poly Winding Wires / 3 C Flat Cables for Submersibles                                                                                                                                                                                 |                                                                                             |                                                                                                                                                                                                                                                                      | BS:6004 / IS 8783(Part4/section 1):1995                                                                                                                                           |
| Dry Filled Telephone Cables                                          |                                                                                                                                                                                                                                                                     |                                                                                             |                                                                                                                                                                                                                                                                      | EIL : 6-51-52, REV - 01 & 02                                                                                                                                                      |
| Welding Cables                                                       |                                                                                                                                                                                                                                                                     |                                                                                             |                                                                                                                                                                                                                                                                      | IS : 9857 - 1981                                                                                                                                                                  |
| Ship Wiring Cables                                                   |                                                                                                                                                                                                                                                                     |                                                                                             |                                                                                                                                                                                                                                                                      | IEC : 60092-350,353,354,360,376                                                                                                                                                   |
| Mining Cables                                                        |                                                                                                                                                                                                                                                                     |                                                                                             |                                                                                                                                                                                                                                                                      | IS : 14494                                                                                                                                                                        |
| Cables for Offshore Installation                                     |                                                                                                                                                                                                                                                                     |                                                                                             |                                                                                                                                                                                                                                                                      | As per Client's Specification Or Requirement                                                                                                                                      |
| Cables for Defense                                                   |                                                                                                                                                                                                                                                                     |                                                                                             |                                                                                                                                                                                                                                                                      | As per Client's Specification Or Requirement                                                                                                                                      |
| Automobile Cables                                                    |                                                                                                                                                                                                                                                                     |                                                                                             |                                                                                                                                                                                                                                                                      | As per Client's Specification Or Requirement                                                                                                                                      |
| Cables for Nuclear Power plant                                       |                                                                                                                                                                                                                                                                     |                                                                                             |                                                                                                                                                                                                                                                                      | As per Client's Specification Or Requirement                                                                                                                                      |
| Railway Signalling Cables                                            |                                                                                                                                                                                                                                                                     |                                                                                             |                                                                                                                                                                                                                                                                      | As per Client's Specification Or Requirement                                                                                                                                      |



## Metro & Railways Sector



## Ports & Airports Sector



## EPC Sector



## Government Infrastructure Sector



## Cement Sector





## Metal Sector



## Fertilizers Sector



## Minning & Minerals Sector



## Chemical & Pharma Sector



## Other Sectors





## Testing Agencies & Consultants Sector



## Power Sector



## Oil & Gas Sector



## Auto Mobile Sector



## Renewable Energy Sector



## Food & Beverage Sector







**BRIDGING THE GAP ACROSS 60+ DIFFERENT COUNTRIES**



**THE POWER BEHIND THE POWER**



Scan to reach other offices

**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](mailto:info@kei-ind.com) WEBSITE: [www.kei-ind.com](http://www.kei-ind.com) Toll Free no: 1800 410 0000 CIN NO: L74899DL1992PLC051527

