

Profile

KEI has been at the forefront of India's wire and cable Industry for more than 5 decades. We manufacture a range of specialized cables and are important players in the domestic and retail segment. 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 Rakholi, chinchpada, Chopanki, Bhiwadi and Pathredi. Today, KEI is a one-stop-shop when it comes to meeting cabling requirements for the domestic, power and Industrial sectors.

KEI[®]

Wires & Cables

homecab[™]-FR

Flame Retardant

HomeCab is a multi-stranded flexible wire with flame retardant properties. It has specially formulated insulation with a high oxygen and Lead Free & temperature index, enabling the wire to withstand overloads preventing electric mishaps. So, give yourself the promise of security and supreme quality. Get KEI house wires and safeguard your home for life.

Test	Specification	Specified Values
Critical Oxygen Index	ASTM-D 2863	Minimum 29%
Temperature Index	ASTM-D 2863	Minimum 250 °C

* Available in 90 mtr box packaging & 180 mtr in polybags

conFlame[®] Green+

Heat Resistant - Flame Retardant
Low Smoke & Halogen- Lead Free

KEI's innovative offering Conflame Green+ is ideal for wiring solutions in multi-storied buildings, hotels, hospitals, commercial establishments and residential complexes. It is shielded by a specially formulated Heat Resistance flame retardant low smoke halogen & Lead free PVC compound. Conflame Green+ wire is made of sustainable material (RoHS & REACH compliant) and is lead-free, which makes it ECO-friendly. Even its packaging is made with recycled material, which is Bio-degradable. Conflame Green+ insulation retards spread of fire and emits minimum smoke and toxic gases, making it absolutely safe for both inside house and outside environment. So, give yourself the promise of security and supreme quality. Get KEI house wires and safeguard your home for life.

Test	Specification	Specified Values
Critical Oxygen Index	ASTM-D 2863	Minimum 31%
Temperature Index	ASTM-D 2863	Minimum 250 °C
Acid Gas Generation	IEC 60754 -1	Maximum 20%
Smoke Density Rating	ASTM-D 2843	Maximum 60%

* Available in 90 mtr & 180 mtr box packaging

conFlame[®] -FR-LSH

Flame Retardant Low Smoke & Halogen

KEI's innovative offering Conflame is ideal for wiring solutions in multi-storied buildings, hotels, hospitals, commercial establishments and residential complexes. It is shielded by a specially formulated flame retardant Low smoke & halogen PVC compound. During fire, ordinary PVC emits black smoke and toxic fumes which are acidic in nature. This impairs visibility and hampers rescue operations. Conflame insulation retards spread of fire and emits minimum smoke and toxic gases. Thereby reducing the risk of injury. So, give yourself the promise of security and supreme quality. Get KEI house wires and safeguard your home for life.

Test	Specification	Specified Values
Critical Oxygen Index	ASTM-D 2863	Minimum 29%
Temperature Index	ASTM-D 2863	Minimum 250 °C
Acid Gas Generation	IEC 60754 -1	Maximum 20%
Smoke Density Rating	ASTM-D 2843	Maximum 60%

* Available in 300 mtr & 200 mtr in polybags

banFire[®] -HFFR

Halogen Free-Flame Retardant

KEI Banfire is processed using a Halogen Free Flame Retardant compound (HFFR). The insulation is of superior quality, 100% PVC free and eco-friendly. In case of a fire situation, Banfire does not emit toxic or poisonous fumes, which enables safe evacuation. These wires are best suited for wiring in hospitals, hotels, business establishments and high rise buildings where fire can be determined. So, give yourself the promise of security and supreme quality. Get KEI house wires and safeguard your home for life.

Test	Specification	Specified Values
Critical Oxygen Index	ASTM-D 2863	Minimum 29%
Temperature Index	ASTM-D 2863	Minimum 250 °C
Acid Gas Generation	IEC 60754 -1	Maximum 0.5%
Smoke Density Rating	ASTM-D 2843	Maximum 20%

* Available in 90 mtr box packaging & 180 mtr in polybags



Registered and Corporate Office:

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KEI[®]

Wires & Cables

Uncompromising quality. Incredible range. Wires and Cables Specialists.

PRODUCT RANGE	Voltage Grade	Size/Type Range	Applicable Standards
EHV Cables	upto 420kV	Single Core - Upto 3000 sqmm	AS/NZS 60840, AS/NZS 1429.2, IEC 60840, IEC 62067, IS 7098-3
HV/MV Cables	6.6kV to 33kV	Single Core Cables - Upto 1600 sq.mm, Three Core Cables - Upto 630 sq.mm	AS/NZS 1429:1, AS/NZS:4026, BS 6622, BS 7870, IEC 60502-2, IS 7098-2, IS 9968-2, IS 14494
LV Power & Control Cables	Up to 3.3kV	Power Cables - Up to 5 cores, Conductor Size Up to 1000 sq.mm, Control Cables - Up to 61 Cores, Conductor Size Up to 6 sq.mm	AS/NZS 5000:1, AS/NZS 5000:2, AS/NZS 5000:3, IEC 60502-1, BS 6346, BS 5467, BS 6622, IS 1554-1, IS-7098-1
Signal & Instrumentation Cables	Up to 500V	Multicore / Multi-pair / Multi-traid / Multi-quad, Conductor Size upto 6 sq.mm	AS/NZS 5000:3, BS EN 50288 PART-7, BS 5308 PART-1 & 2
Thermocouple Extension/Compensating Cables	Upto 1100 V	Up to 100 pairs Up to 12 AWG/16AWG/20AWG etc	EIL SPEC.6-52-45, IS:8784, IS:5831, IS:8130, IS:3975, IS:10418, BS:443, BS:7655, IEC 60228, BS:6360, ANSI MC 96.1, IEC 60584-3
EV Charging Cables	450 / 750V	Upto 5 cores, Upto 35 sqmm, For CC / CP cores - 0.5 sq.mm & 1 sq.mm	BS EN 50620
Rubber Cables	Up to 33kV	Railway Flexible Cables, Trailing Cables, Mining Cables, Festoon Cables	AS/NZS 2802, AS/NZS 1802, AS/NZS 5000:1, IEC 60092, IEC 60502-1&2, BS 7919, BS 6007, BS 7889, BS 6500, IS: 9968/P-1, IS: 9968/P-2, IS:14494
Solar String Cables	Up to 1.5kV a.c (max 1.8kV d.c)	Single Core Upto 400 sq. mm	TUV 2 Pfg 1169/08.07, BS/EN 50618, IEC 62930, IS 17923
MVCC	11kV - 33kV	upto 241 sq. mm	IEC: 61089, IS : 398 -2IEC: 61089, BS EN : 50182/50397
Flexible & Building Wire	300/500 V 450/750 V 650/1100 V	Building Wire - 0.5 sq. mm to 6 sq. mm Multi Core - 2C to 24C - 0.5 sq. mm to 400 sq. mm Single Core Flexible - 0.5 sq. mm to 1000 sq. mm Building Cables - 0.5 sq. mm to 6 sq. mm and as per client's requirement.	IEC 60227-1, 2, 5 CSA-22.2 No.38-05., BS 6002, BSEN 50525, BS 7655, BS 6500, BS 7211
BASEC Approved Cables			
BS 5467 Armoured Power Cables with PVC Sheathing	600/1000 v	6941X, 6942X, 6943X, 6944X, 6945X, 6947X, 6940/12X, 6940/19X, 6940/27X, 6940/37X	BS 5467
BS 6724 Armoured power cables with LSHF sheathing	600/1000 v	6941B, 6942B, 6943B, 6944B, 6945B, 6947B, 6940/12B, 6940/19B, 6940/27B, 6940/37B	BS 6724
BS 7846 Category F2 Armoured fire resistant power cables	600/1000 v	2 Core, 3 Core, 4 Core, 5 Core, 7 Core, 12 Core, 19 Core, 27 Core, 37 Core	BS 7846
BS EN 50525-2-31 Single core non-sheathed cables with thermoplastic PVC insulation	300/500 V 450/750 V	H07V-U / 6491X, H07V-R / 6491X, H07V-K / 6491X, H07V2-U / 6491X HR, H07V2-R / 6491X HR, H07V2-K / 6491X HR	BS EN 50525-2-31
BS 6004 PVC insulated and sheathed cables	300/500 V 450/750 V	6241Y, 6242Y, 6243Y, 6192Y	BS 6004

KEI Product Range

Speciality Cables and EHV Cables up to 400 kV

• Housewires (FR, FRLS, ZHFR) • LV Power & Control Cables • Instrumentation Cables • Winding Wires • Thermocouple Cables • Flexibles (Single & Multicore) • Solar Cables • Communication Cables • Co-Axial Cables • EV Cables • Rubber Cables • Fire Survival Cables • HV Cables • MV CC Cables • LV Cables • LT & HT AB Cables • Stainless Steel Wires