



MEDIUM VOLTAGE POWER CABLE

(26/35kV Copper XLPE Insulation Electric Cable)



Yifang Product Group: 26/35kV Copper XLPE Insulation Electric Cable

APPLICATION:

Yifang Electric Group

Suitable for installation mostly for power supply stations, in indoors and in cable ducts, outdoor with protected laying, underground and in water as well as for installation on cable trays for industries, switch-boards and power stations. Due to the good laying characteristic, this can also be laid easily in difficult line guideways. The inner conducting layer between the conductor and the XLPE insulation and the firmly bonded outer conducting layer on the XLPE insulation assures a construction free of partial discharges with high operational reliability.

STANDARD:

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IEC60502-1, BS 5467, BS6346, HD 603, ICEA S-95-658, CSA C22.2 NO.51, AS/NZS 5000, GB/T 12706-1

CONSTRUCTION:

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Conductor : Copper or Aluminium Class 2 stranded (circular, circular compacted)

Conductor Screen : Semi-Conductive Layer

Insulation : XLPE (Cross-linked Polyethylene)

Insulation Screen : Semi-Conductive Layer

Metallic Screen : Copper Wires and/or Copper Tape (around individual cores)

Optional: Inner Sheath : Applied where Armour is also applied. PVC or LSZH compound

Optional: Armour:

Single Core: Aluminium Wires / Tape

Multi-Core: Galvanised Steel Wires / Tape

Outer Sheath : LDPE, MDPE (Low/Medium Density Polyethylene), PVC (Polyvinyl Chloride),

LSZH (Low Smoke Zero Halogen). Additives to offer resistance to UV, oils & greases, water, flames, termites, and other environmental factors can be added as required.

NOMINAL CROSS-SECTIONAL AREAS:

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1.5 mm² , 2.5 mm² , 4 mm² , 6 mm² , 10 mm² , 16 mm² , 25 mm² , 35 mm² , 50 mm² , 70 mm² , 95 mm² , 120 mm² , 150 mm² , 185 mm² , 240 mm² , 300 mm² , 400 mm² , 500 mm² , 630 mm² , 800 mm²



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Medium Voltage Power Cable



PRODUCTION RANGE:

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single core cable from 1.5 mm² to 800 mm², multi-core cable from 1.5 mm² to 400 mm²

DRAWING:

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