

XLPE INSULATED, HFFR/LZSH/LSOH SHEATHED 0,6/1kV COPPER POWER CABLES



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: 250°C (max. 5 sec.)
- Rated Voltage: 0,6/1 kV (Um: 1200V)
- Min. Bending Radius: 12x Cable Outer Diameter
- Production Standard: IEC 60502-1, VDE 0276-604, HD 604 S1

CONSTRUCTION

Conductor: Stranded or Shaped Round Class 2 Copper conductor as per IEC 60228

* For sections between 1.5mm² – 10mm²; Solid Round Class 1 conductor can also be supplied

Insulation: XLPE insulation material. Thickness shall be as per IEC 60502-1

Inner Sheath/Filler: HFFR/LSZH Inner Sheath/Filler Material

Outer Sheath: Halogen Free Flame Retardant or Low Smoke Zero Halogen outer sheath material. Thickness shall be as per IEC 60502-1.

CODE of CABLE

- Cu/XLPE/HFFR; Cu/XLPE/LSZH; N2XH; YXH

APPLICATION

These cables refer to XLPE insulated, HALOGEN FREE FLAME RETARDANT or LOW SMOKE ZERO HALOGEN sheathed power cables with a rated voltage of 0,6/1 kV. These cables Used in energy networks in refineries, mines, hotels, schools, tunnels, high constructions, hospitals, power plant, data processing centers, business centers where there is a risk of fire.

SECTION RANGE

- From 1.5mm² up to 630mm²

CONDUCTOR QUANTITY

- For the Power Cables with Copper Conductor:
From 1 Core up to 5 Cores
- For Control Cables with Copper Conductor:
From 5 Cores up to 48 Cores

COLOUR CODE of CABLE

- Insulation Colours could be according to the International Standards or customer's request/demand.