

MICAGLASS TAPE+ XLPE INSULATED, 0,6/1kV FIRE RESISTANT FE/180 POWER CABLES



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: 250°C (max. 5 sec.)
- Rated Voltage: 0,6/1kV (Um: 1200V)
- Min. Bending Radius: 15x Cable Outer Diameter
- Production Standard: IEC 60502-1; IEC60031; VDE 0276; HD 604; S1

CONSTRUCTION

Conductor: : Stranded or Shaped Round Class 2

Copper conductor

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

Insulation: Mica Glass Tape+, XLPE insulation material.

Inner Sheath/Filler: HFFR/LSZH Inner sheath

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/MGT/XLPE/HFFR FE180;
- Cu/MGT/XLPE/LSZHFE180; N2XH FE 180;
- YXH FE 180

APPLICATION

These cables refer to Mica Glass Tape +XLPE insulated, HALOGEN FREE FLAME RETARDANT or LOW SMOKE ZERO HALOGEN sheathed FE180 Power Cables with a rated voltage of 0,6/1kV. 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:**
From 1 Core up to 5 Cores
- **For Control Cables:**
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.