

XLPE INSULATED, HFFR/LZSH/LSOH SHEATHED ARMoured 0,6/1kV ALUMINIUM 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, VDE 0276 HD 604 S1

CONSTRUCTION

Conductor: Stranded or Shaped Round Class 2

Aluminium conductor as per IEC 60228

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

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

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

Armour: Galvanised Round Steel Wire Armour or Double Steel Tape Armour or Flat Steel Wire Armour and Steel Tape Armour

* For Single Core Cables Armour should be Aluminium Wire Armour if the cable will not be used in DC System.

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

- AI/ XLPE/SWA/HFFR; AI/ XLPE/DSTA/HFFR; NA2XRH; NA2XFGbH; NA2XBH; YAXZ2H; YAXZ3H; YAXZ4H

APPLICATION

These cables refer to XLPE insulated, HALOGEN FREE FLAME RETARDANT or LOW SMOKE ZERO HALOGEN sheathed power cables with a rated voltage of 0,6/1kV.

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 and places where is a risk of mechanical damage. Due to having ARMOUR, these cables can be used for heavy installation and mounting conditions.

SECTION RANGE

- From 10mm² up to 630mm²

CONDUCTOR QUANTITY

- From 1 Core up to 5 Cores

COLOUR CODE of CABLE

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