

XLPE INSULATED, PVC SHEATED Cu. SCREENED 0,6/1kV 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 0276-603

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 be also supplied upon request.

* Class 5 (Flexible) Copper conductor can be also supplied
upon request.

Insulation: XLPE insulation material.

Inner Sheath/Filler: PVC Inner sheath/Filler material.

Screen: Cu. Tape or Cu. Wires + Cu. Tape Screen or Braided
Cu. Wires Screen.

Outer Sheath: PVC outer sheath material.

CODE of CABLE

- Cu/XLPE/SC/PVC; N2XCY; YXCV; N2XSLCY; YXSLCY

APPLICATION

These cables refer to XLPE insulated, PVC sheathed
Copper Screened Power Cables with a rated voltage of
0,6/1kV. These cables used in door installations, in cable
ducts, outdoor and underground for power stations,
industrial plants and switching stations as well as local supply
systems if increased protection is necessary.

In case of mechanical damage the screen prevents any
damage due to power leak to the surrounding area.

SECTION RANGE

- From 1.5mm² up to 300mm²

CONDUCTOR QUANTITY

- **For the Power Cables:**
From 1 Core up to 5 Cores
- **For the 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.

FIRE PERFORMANCE of CABLE SHEATHS

- Cables can be supplied with special flame retardant PVC
outer sheath to comply with the flame test requirements of
IEC 60332 Category A – B and C.