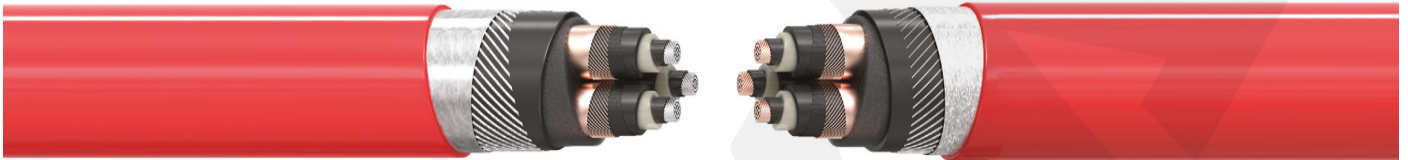


6.35/11kV THREE CORES MEDIUM VOLTAGE POWER CABLES



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: 250°C (max. 5 sec.)
- Rated Voltage: 6.35/11 kV (Um: 13.200V)
- Min. Bending Radius: 15x Cable Outer Diameter
- Production Standards: IEC 60502-2, VDE 0276-620
BS 6622

CONSTRUCTION

- Stranded Class 2 Copper or Aluminium Wire
- Inner layer of semi-conducting material
- XLPE Insulation
- Outer layer of semi-conducting material
- Semi-conducting tape
- Screen of copper wires
- Inner covering over laid-up cores
- Metallic Armour : Galvanised Steel Wires
- Outer sheath of Polyvinyl chloride (PVC) or Polyethylene (PE)

CODE of CABLE

- **For the Cables with Copper Conductor:**
Cu/XLPE/CTS/PVC/SWA/PVC; N2XSEYRY;
N2XSEYR(FL)2Y; YXC8VZ2V-R; YXC8VZ2(Q)2Y-R
- **For the Cables with Aluminium Conductor:**
Al/XLPE/CTS/PVC/SWA/PVC; NA2XSEYRY;
NA2XSEYR(FL)2Y; YAXC8VZ2(A)V-R, YXC8VZ2(A)

APPLICATION

These cables refer to XLPE insulated, PVC sheathed ARMOURED Power cables with a rated voltage of 0,6/1 kV. These cables used for electricity supply in a low voltage installation system. They are suitable for installation indoors, outdoors, underground, in cables ducts and power and switching stations, local energy distributions, industrial plants, and places where is risk of mechanical damage. Due to having ARMOURED, these cables can be used for heavy installation and mounting conditions. They are also used under normal and salty water if specially produced.

SECTION RANGE

- **For the Power Cables with Copper Conductor:**
From 35mm² up to 400mm²
- **For the Power Cables with Aluminium Conductor:**
From 35mm² up to 400mm²

SPECIAL FEATURES

- Cables can be supplied with special flame retardant PVC or Halogen Free Flame retardant(HFFR) outer sheath to comply with the flame test requirements of IEC 60332 Category A-B and C upon special request.
- Cables can be supplied with Polyethylene Outer Sheath material upon special request.
- Cables can be supplied with Longitudinally or Radial+Longitudinally sealed watertight tape (Swellable tape) upon special request