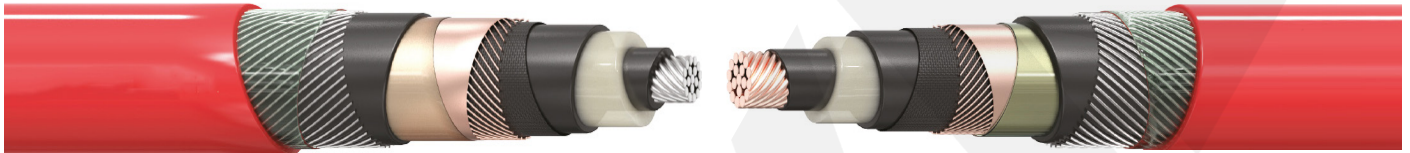


6.35/11kV SINGLE CORE MEDIUM VOLTAGE POWER CABLES



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: 250°C (max. 5 sec.)
- Rated Voltage: 6,35/11kV (Um: 13.200V)
- Min. Bending Radius: 15x Cable Outer Diameter
- Production Standard: 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 core
- Metallic Armour : Aluminium Wires
- Outer sheath of Polyvinyl chloride (PVC) or Polyethylene (PE)

CODE of CABLE

- For the Cables with Copper Conductor:
Cu/ XLPE/SC/AWA/PVC; N2XSYR(A)Y
- For the Cables with Aluminium Conductor:
Al/ XLPE/SC/AWA/PVC; NA2XSYR(A)Y

APPLICATION

These cables refer to power cables with a rated voltage of 6,35/11kV. These cables have very low electrical loss compare to their similar and they are used in cable ducts, outdoor and indoor installations, underground where the short circuit levels are high such as urban and industrial areas fed by electrical energy and where is a risk of mechanical damage.

Due to having **ARMOUR**, 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 630mm²
- For the Power Cables with Aluminium Conductor:
From 35mm² up to 630mm²

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