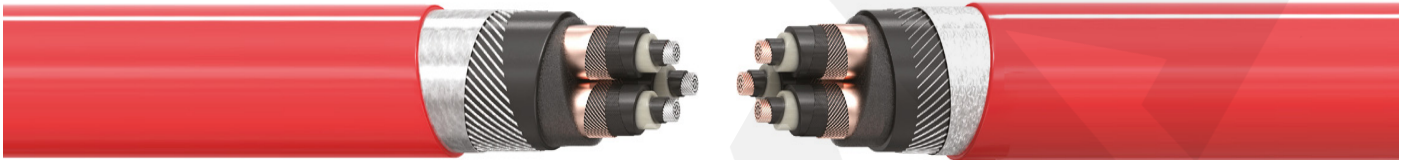


## 5.8/10kV THREE CORES MEDIUM VOLTAGE POWER CABLES



### TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: 250°C (max. 5 sec.)
- Rated Voltage: 5,8/10 kV (Um: 12.000V)
- Min. Bending Radius: 15x Cable Outer Diameter
- Production Standard: IEC 60502-2 or VDE 0276-620

### 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 or
- Double Steel Tapes or Flat Steel Wires+ Steel Tape
- 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;  
N2XSEYBY; N2XSEYGbY; N2XSEYR(FL)2Y;  
YXC8VZ2V-R; YXC8VZ3V-R; YXC8VZ4V-R;  
YXC8VZ2(Q)2Y-R
- **For the Cables with Aluminium Conductor:**  
Al/XLPE/CTS/PVC/SWA/PVC; NA2XSEYRY;  
NA2XSEYBY; NA2XSEYGbY; NA2XSEYR(FL)2Y;  
YAXC8VZ2V-R; YAXC8VZ3V-R; YAXC8VZ4V-R;  
YXC8VZ2(Q)2Y-R

### APPLICATION

These cables refer to ARMOURED Power Cables with a rated voltage of 5,8/10 kV. These are cables with low dielectric losses used in energy networks with sudden load changes. Laid in residential or industrial areas, underground in ducts 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 35mm<sup>2</sup> up to 400mm<sup>2</sup>
- **For the Power Cables with Aluminium Conductor:**  
From 35mm<sup>2</sup> up to 400mm<sup>2</sup>

### 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.
- Cables can be supplied without armour upon special request