

0.6/1KV XLPE Insulated Lead Cover SWA Power Cable

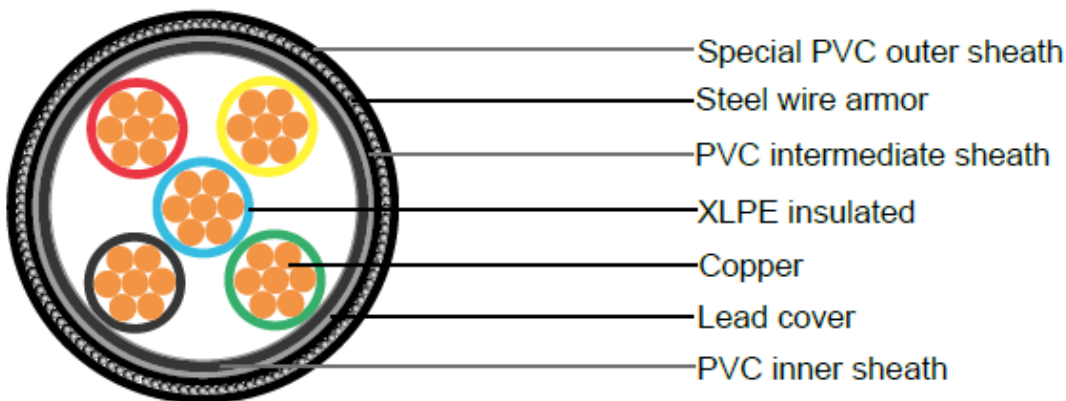
Application

These cables are used for electricity supply in low voltage installation system. They are suitable for installation in indoors and outdoors, in cable ducts, under ground, in power and switching stations, local energy distributions, industrial plants, where require hydrocarbon and mechanical protections. The lead sheath brings an enhanced resistance to aliphatic and aromatic hydrocarbon.

Standard

- IEC60502-1
- IEC60228
- IEC60332-3-22(A)

Construction



Conductor: Plain copper wire conductors to IEC 228, class 2 (stranded).

Insulation: Extruded cross-linked XLPE compound

Insulation Colour as per BS7671

3Cores Yellow/Green, Brown, Blue or Brown, Gray, Black

4Cores Yellow/Green, Brown, Gray or Black Brown, Gray, Black, Blue

Inner sheath: PVC



Lead cover: Lead alloy

Intermediate sheath: PVC

Armor: Galvanized steel wires

Sheath: Special PVC.

Technical data

Size of Conductor	Nominal Overall Diameter (mm)	Nominal Weight (kg/km)
3 x 2.5	21.8	1194
4 x 1.5	21.6	1161

Physical characteristics

Temperature rating: During operation: -20 to + 60°C

Minimum bending radius: 10 x Overall Diameter

Chemical resistance: Aliphatic and aromatic hydrocarbon resistance

Electrical Properties

Rated voltage: 600V/1000V

Dielectric test: 3500 V r.m.s. x 5' (core/core)

Insulation resistance : 1000 MΩ x km (at 20°C)

Short circuit temperature: 250°C