



## 0.6/1KV XLPE Insulated Lead Cover SWA Power Cable

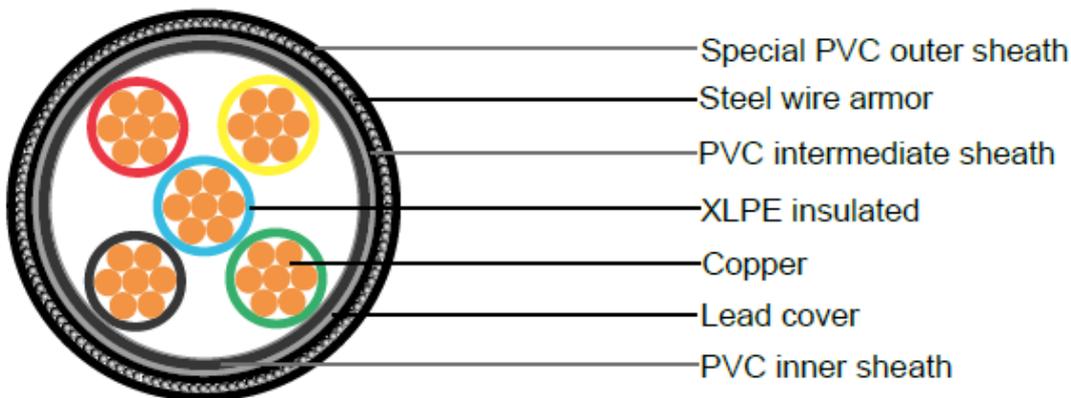
### Application

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