

XLPE Insulated Steel Wire Armoured Power Cable

Multi-core PVC cable with steel wire armour (SWA). Power and auxiliary control cables for use in power networks, underground, outdoor and indoor applications and for use in cable ducting.



ADDITIONAL IMAGES



Product Overview

Robust Power Transmission Solution

This Cu/XLPE/SWA/PVC power cable is engineered for reliable performance in demanding fixed installations. Rated at 0.6/1 kV, it combines a high-temperature resistant XLPE insulation with galvanized steel wire armour to provide exceptional mechanical protection. This combination ensures durability for underground, indoor, and outdoor power network applications where environmental stressors are present.

Technical Specifications

Rated Voltage

0.6 kV

Lower Limit

1 kV

Upper Limit

Insulation Material

XLPE (Cross-linked Polyethylene)

Rated Insulation Temperature

90 OC

Construction Details

Cable Components

- Compact stranded copper conductor (Cl.2)
- XLPE insulation
- PVC inner bedding
- Galvanized steel wire armour (SWA)
- PVC or FR-PVC type ST2 outer sheath

Compliance Standards

IEC 60228, IEC 60502-1

Application

Deployment Environments

- Underground
- Outdoor
- Indoor
- Cable ducting
- Power networks