

LV XLPE Insulated Power Cable

This LV power cable is insulated with XLPE and designed for applications between 0.6-1kV. It is available with 1, 2, 3, 4, or 5 cores and a cross-section range of 1.5mm² to 1000mm².



Product Overview

High-Performance LV Power Distribution

This 0.6/1kV LV XLPE insulated power cable is engineered for robust performance in residential, commercial, and industrial power distribution environments. Featuring advanced XLPE insulation, the cable offers superior resistance to heat-ageing, chemical corrosion, and environmental stress while maintaining excellent electrical and mechanical characteristics. Its versatile construction, available with copper or aluminum conductors and optional armoring, ensures a cost-efficient and reliable solution for various infrastructure projects.

Technical Specifications

Cross-sectional Area

1.5 mm²

Min Area

630 mm²

Max Area

Voltage Rating	0.6/1 kV
Conductor Material	Copper, Aluminum
Insulation Material	XLPE (Cross-linked Polyethylene)

Construction Details

Sheath Options

- Inner Sheath: PVC or PE
- Outer Sheath: PVC or PE

Armour Options

Galvanized Steel Wire • Galvanized Steel Tape

Core Configuration	Single or Multi-core
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Features & Benefits

Key Features

- Excellent electric and mechanical performance
- High resistance to chemical corrosion
- Superior heat-ageing resistance
- Flame-retardant properties
- Simple, cost-efficient structure