

Copper Conductor XLPE Insulated PVC Sheathed Power Cable

XLPE insulated power cable is designed for fixed laying in power transmission and distribution lines with A.C. 50HZ and rated voltage of 0.6/1kV[^]35kV. It features copper or aluminum conductors and is available in single-core, two-core, three-core, four-core (3+1 cores), and five-core (3+2 cores) configurations.



ADDITIONAL IMAGES



Product Overview

High-Performance Power Cable

This Copper Conductor XLPE Insulated Power Cable is engineered for reliable power transmission and distribution in demanding environments. Featuring advanced XLPE insulation, it offers superior thermal stability and dielectric strength compared to traditional materials. The robust PVC sheathing provides essential protection against moisture, chemicals, and mechanical abrasion, making it suitable for both indoor and outdoor installations.

Technical Specifications

Available Core Counts

- Single core
- Two cores
- Three cores
- Four cores (3+1)
- Five cores (3+2)

Cable Construction Types

Non-armored • Double steel tape armored • Steel wire armored

Supported Voltage Classes

Voltage Class (U0/U)

0.6/1 kV

1.8/3 kV

3.6/6 kV

6/10 kV

8.7/15 kV

12/20 kV

18/30 kV

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|---------------------|------------------|
| Rated Voltage Range | 0.6/1kV to 35kV |
| Conductor Material | Copper, Aluminum |
| Operating Frequency | 50 Hz |