

33KV 1C 400sq mm Copper Conductor XLPE Power Cable

This high-voltage power cable features a copper conductor with XLPE insulation and copper tape armor. It has a polyolefin (PO) sheath, is designed for 33KV applications with a single core (1C) and a 400 sq mm conductor cross-section.



Product Overview

High-Voltage Power Transmission Solution

This 33KV single-core power cable is engineered for reliable high-voltage electricity transmission. Featuring a robust 400 sq mm copper conductor and XLPE insulation, it ensures excellent electrical performance and thermal stability. The inclusion of copper tape armor and a durable polyolefin (PO) sheath provides superior mechanical protection, making it an ideal choice for demanding underground or direct burial installation environments.

Technical Specifications

Voltage Rating

33 KV

Voltage

| | |
|-------------------------|------------------|
| Conductor Cross-Section | 400 sq mm |
| Number of Cores | 1C (Single Core) |

Construction Details

| | |
|---------------------|----------------------------------|
| Conductor Material | Copper |
| Insulation Material | XLPE (Cross-linked Polyethylene) |
| Armor Type | Copper Tape |
| Outer Sheath | Polyolefin (PO) |

Application

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|------------------------|----------------------------|
| Suitable Installations | Underground, Direct Burial |
|------------------------|----------------------------|