

Insulated Power Cable

This power cable is manufactured according to IEC60502 and GB/T12706 standards. It features either a copper or aluminum conductor, XLPE or PVC insulation, and is available with or without armored PVC sheathing for added protection.



ADDITIONAL IMAGES



Overview

High-Performance Insulated Power Cable

This insulated power cable is engineered for reliable energy transmission in demanding industrial and infrastructure applications. Designed to meet international standards including IEC60502 and GB/T12706, it features robust construction with high-conductivity conductors and advanced insulation materials. Available in a wide range of voltage ratings, this cable provides essential durability and electrical safety for large-scale power engineering projects.

Technical Standards

Available Voltage Ratings (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
- 21/35 kV
- 26/35 kV

Compliance Standards

IEC60502, GB/T12706

Construction Details

Construction Components

Component	Description
Conductor	Compacted or uncompacted copper or aluminium
Insulation	XLPE or PVC
Filler	Polypropylene filament with lapped binding tape
Armour	Galvanized steel wire (SWA) or steel tape (STA)
Sheath	Polyvinyl chloride (PVC)