

Copper Conductor PVC Insulated Power Cable

This power cable features a plain annealed copper conductor with PVC insulation and a PVC sheath. It is suitable for electrical power transmission and distribution lines with a rated voltage of up to 0.6/1kV.



ADDITIONAL IMAGES



Overview

Reliable Power Distribution

These NYY copper conductor power cables are engineered for robust performance in both industrial and residential electrical systems. Featuring PVC insulation and a durable PVC sheath, they are designed for safe power transmission and distribution in indoor, outdoor, and underground installations. The versatile construction supports a wide range of core configurations to meet specific project requirements.

Technical Specifications



Standard construction of NYY power cables featuring copper conductors and PVC protective layers.



Durable PVC sheath and insulation designed for reliable power distribution.

Core Configurations

- 1C
- 2C
- 3C
- 4C
- 5C
- 3+1C
- 3+2C
- 4+1C

Conductor Material	Plain annealed copper wires, solid class 1, or strand class 2
Insulation Material	Polyvinyl Chloride (PVC)
Sheath Material	Polyvinyl Chloride (PVC)
Voltage Rating	0.6/1kV (600/1000V)
Production Size	1.5 - 630 mm ²
Insulation Colors	Red, Yellow, Blue, Green, Brown, Black, White, Grey, Yellow/Green

Operational Metrics

Working Temperature

-15 °C

Min Temp

70 °C

Max Temp

Min. Bending Radius	10 x Outer Diameter
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Compliance & Logistics

Standards

IEC 60502 • GB/T 12706-2020

Packing	Wooden drum with IPPC logo (ISPM 15 compliant)
Delivery Time	7-10 working days