

Cat5e Cable with 2C Power Conductors

This Cat5e cable integrates 2C power conductors for combined data and power transmission. It is designed for long transmission distances with minimal signal loss and features robust shielding.



ADDITIONAL IMAGES



Product Overview



Integrated Data and Power Solution

This high-performance Cat5e cable is integrated with 2C power conductors, specifically designed to simplify installations for networking and surveillance applications like IP cameras. It combines reliable data transmission with efficient power delivery in a single cable, reducing clutter and installation time. Engineered for indoor use, it features wear-resistant materials and low transmission loss to ensure long-distance signal integrity.

Technical Specifications

Conductor Specifications

Component	Size Options	Material
Cat5e Network	4*2*0.5mm (Optional 0.4mm/0.45mm)	Oxygen-free Copper / BC
Power Cable	0.5mm ² or 0.75mm ²	Oxygen-free Copper / BC

Electrical Performance

100 Ohm
Impedance

6.58 Ω/100m
Max DC Resistance

5000 MΩm
Insulation Resistance

Construction

Cable Construction

- 4 Twisted Pairs
- PE (Polyethylene) Insulation
- PVC (Polyvinyl Chloride) Outer Jacket
- Optional Rip Cord
- Optional Center Splitter
- Shielding (Optional)

Compliance & Quality

Certifications & Standards

CE, RoHS, ISO 9001, ISO 14001, ISO 18001, Fluke Test Passed

Applications



Recommended Applications

- 5G Network Systems
- Smart Building Integrated Wiring
- IP Camera & Security Surveillance
- Smart Home Systems
- Voice and Image Data Transmission

Logistics & Customization



Customization Services

OEM Service • Custom Jacket Color • Custom Printing • Free Samples Available

Available Packaging

Easy-pull Box, Plastic Reel, Paper Reel, Wooden Drum, Carton, Roll