

# Cat5e Cable with 2C Power Conductors

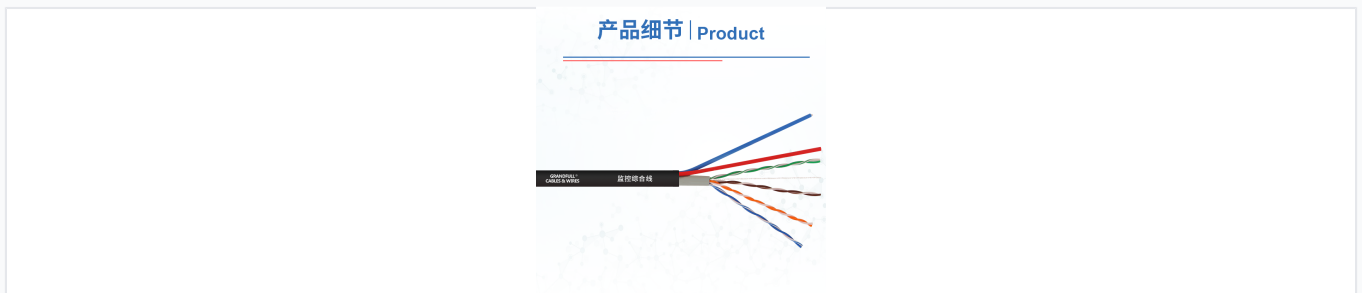
This Cat5e cable integrates 2C power conductors for combined data and power transmission. It is designed for long transmission distances with minimal signal loss and features robust shielding.



## 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 <sup>2</sup> or 0.75mm <sup>2</sup>	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

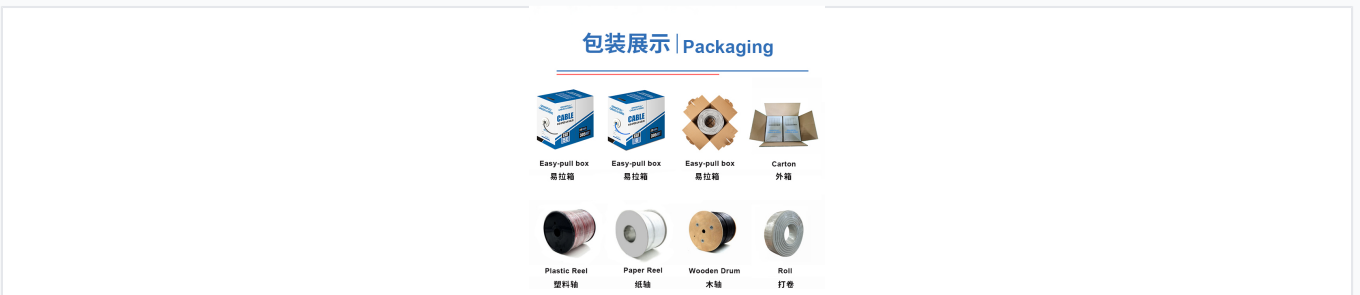
## Applications



### 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