

Cat6 Ethernet Cable with Integrated Power

This Cat6 Ethernet cable provides reliable data transmission. It also features an integrated power cable for simplified installation.



ADDITIONAL IMAGES



Product Overview

产品细节 | Product



High-Performance Integrated Data & Power Solution

This Cat6 Ethernet cable features integrated power conductors, providing a streamlined single-cable solution for networking and surveillance systems. Designed for indoor installations, it offers long transmission distances with minimal signal loss and high resistance to wear and pressure. It is an ideal choice for 5G networks, intelligent buildings, and security applications requiring both high-speed data and reliable power delivery.

Technical Specifications



Cable Construction

Component	Specification
Cat6 Conductor	4*2*0.57mm (0.5mm/0.56mm optional)
Power Conductor	0.5mm ² / 0.75mm ²
Conductor Material	Bare Copper (BC)
Insulation Material	Polyethylene (PE)
Jacket Material	PVC
Twisted Pairs	Four Pairs

Max Resistance Imbalance	2.5 %
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Performance Metrics

Performance Metrics

100 Ohm
Impedance

6.58 @00m
Max DC Resistance

5000 M@Ωm
Insulation Resistance

Features & Customization

Key Features

- Integrated power supply (2C) for simplified wiring
- High wear and pressure resistance
- Optional shielding and conductor diameters
- Optional rip cord and center splitter
- OEM service available for jacket color and printing

Compliance & Quality

Certifications & Testing

ISO9001, ISO14001, ISO18001, CE, RoHS, Fluke Tested

Applications

Typical Applications

5G Networks • IP Surveillance • Intelligent Buildings • Smart Homes • Voice & Image Transmission

包装展示 | Packaging



装柜展示 | Cabinet display



Packaging Types

- Easy-pull box (305m)
- Plastic Reel
- Paper Reel
- Wooden Drum
- Roll