

# Cat5e Ethernet Cable

This Cat5e LAN cable is designed for indoor installations. It features optional shielding, conductor material, and diameter.



## ADDITIONAL IMAGES



## Overview

### High-Performance Cat5e Networking Solution

This Cat5e Ethernet cable is engineered for reliable data transmission in professional networking environments, supporting bandwidths up to 100MHz. Designed specifically for indoor installations, it features high-quality twisted pair conductors that minimize interference and ensure signal integrity for 5G networks and intelligent building systems. The cable is rigorously tested to meet international standards, including Fluke Test compliance and CE/RoHS certifications, ensuring long-term durability and low transmission loss.

## Technical Specifications

### 产品细节 | Product



Detailed view of the twisted pair conductors and outer jacket.

### GRANDFULL® CABLES & WIRES



High-quality bulk cabling suitable for large-scale indoor installations.

### Performance Metrics

**100 MHz**

Frequency

**305 m**

Standard Length

**24 AWG**

Conductor Gauge

### Cable Construction

Component	Specification
Conductor Material	BC (Bare Copper) / CCA (Copper Clad Aluminum)
Conductor Diameter	0.5mm (Options: 0.35mm, 0.4mm, 0.45mm, 0.48mm)
Insulation Material	PE / HDPE
Shielding Type	UTP / FTP / SFTP (Optional)
Jacket Material	PVC / LSZH PVC
Jacket Thickness	±0.5mm

### Electrical & Physical Properties

- Working Capacitance (Max): 5.4nF/100m
- Tensile Elongation of Conductor: >27%
- Operating Temperature: -20°C to +70°C
- Transmission: Long distance with small loss

## Compliance & Quality

### Certifications

CE, RoHS, ISO 9001, ISO 14001, ISO 18001, Fluke Tested, CQC, GB Standard

## Application & Services

### 装柜展示 | Cabinet display



Ready for international shipping with secure container loading.

### Primary Applications

- 5G Network Infrastructure
- Intelligent Building & Home Wiring
- Data Center Connectivity
- Voice and Image Transmission
- Integrated Wiring Systems

### Business Services

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

## Packaging

### 包装展示 | Packaging



We offer multiple professional packaging solutions including easy-pull boxes and reels.

### Available Packaging

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