

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