

Cat7 Shielded Twisted Pair LAN Cable

This Cat7 LAN cable is designed for indoor installations requiring long transmission distances and minimal signal loss. It supports bandwidths up to 600 MHz and data transfer rates of up to 10 Gbps.



ADDITIONAL IMAGES



Product Overview

High-Performance Cat7 Networking Solution

This Cat7 Shielded Twisted Pair LAN cable is engineered for high-speed data environments, supporting bandwidths up to 600MHz and 10Gbps transmission rates. Designed primarily for indoor installations, it features robust double shielding (S/FTP) to minimize interference and signal loss over long distances. The cable is ideal for demanding applications including 5G networks, data centers, and integrated smart building wiring systems.

Technical Performance

Key Performance Metrics

600 MHz

Frequency Bandwidth

10 Gbps

Data Transfer Rate

305 m

Standard Length

Construction Details

产品细节 | Product



Detail view of the Cat7 cable construction showing internal shielding and pairs.

Conductor Specifications

| Feature | Specification |
|---------------------|-------------------------------------|
| Wire Gauge | 23AWG |
| Conductor Material | Oxygen-free Bare Copper (BC) |
| Conductor Size | 4*2*0.57mm (0.58mm) |
| Insulation Material | PE / HDPE |
| Shielding Type | SFTP (Shielded Foiled Twisted Pair) |
| Number of Pairs | 4 Pairs |

Physical Characteristics

Jacket & Durability

| Property | Details |
|-----------------------|----------------|
| Outer Sheath Material | PVC / LSZH PVC |
| Sheath Thickness | ±0.6mm |
| Operating Temperature | -20°C to +70°C |
| Conductor Elongation | >30% |
| Capacitance (Max) | 5.4nF/100m |

Compliance & Testing

Certifications & Standards

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

Application & Services

装柜展示 | Cabinet display



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Recommended Applications

- 5G Network Infrastructure
- Intelligent Building Systems
- Smart Home Integrated Wiring
- Data Centers
- Voice, Image, and Video Transmission

Business Services

- OEM Service Available
- Customizable Jacket Color
- Customizable Cable Printing
- Free Samples Available for Testing

Packaging

包装展示 | Packaging



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

Available Packaging Options

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