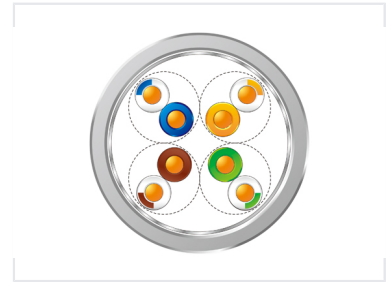


Ethernet CAT5e CMP Cable

This CAT5e cable is designed for high-speed data transmission in cloud computing centers, computer rooms, and high-rise buildings. It is suitable for environments with high flame resistance requirements and can also be applied in industrial settings.



Overview

High-Performance Ethernet Networking

This Category 5e (CAT5e) Ethernet cable is engineered for reliable data transmission and voice communication in demanding environments. With a CMP (Plenum) rating, it meets stringent fire safety standards, allowing for open cabling without the need for additional ducts. This design saves installation time and space while supporting signal transmission speeds up to 100 MHz.

Technical Specifications

Test Voltage

1000 V

Test Voltage

Temperature Range	-20°C to 70°C
Characteristic Impedance	100 Ω
Insulation Resistance	e6@M
Minimum Bending Radius	8D (D = cable diameter)

Compliance & Standards

Fire Resistance Rating

CMP

Reference Standards	IEC61156-5, ANSI/TIA-568-C.2, EN50173, ISO/IEC11801
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Construction

Cable Construction

Component	Material/Detail
Conductor	Solid bare copper
Insulation	FEP
Jacket	High flame retardant PVC
Jacket Color	Grey

Shielding Configuration

- U/UTP (Without shield)
- F/UTP (AL/Mylar overall screen)

Performance

Max Transmission Frequency

100 MHz

Max Frequency