

Ethernet Patch Cord

This high-quality Ethernet patch cord is designed for indoor network installations. Shielding, conductor material, and diameter are optional.



ADDITIONAL IMAGES



Product Overview

High-Performance Ethernet Networking

These professional-grade Ethernet patch cords are engineered for reliable data transmission in demanding network environments, including 5G networks, intelligent buildings, and data centers. Designed for indoor installations, the cables offer excellent wear and pressure resistance, ensuring long-term durability and minimal signal loss. Each cable is rigorously tested to meet international standards, providing a stable and secure foundation for voice, image, and video transmission.

Technical Specifications

Model	Cat5e/Cat6 Patch Cord
Conductor	7*0.12mm(0.45mm, 0.48mm, 0.50mm) or 1*0.40mm(0.45mm, 0.48mm, 0.50mm)
Conductor Material	CCOCCA
Shield	UTP/FTP/SFTP
Insulation Material	PVC/LSZH
Jacket Material	PVC/LSZH/PVC
Jacket Thickness	5.5mm
Plug	UTP/FTP RJ45/RJ45PVC/RJ45PVC/RJ45RJ11/RJ45RJ45PVC
Connector	Standard RJ45/RJ45PVC/RJ45RJ11/RJ45RJ45PVC
Insert Time	1500 Times
Conductor Resistance(Max.)	9.38Ω/100m
Insulation Resistance(Max.)	150Ω/m
Mutual Capacitance(Max.)	5600pF/100m
Frequency	160MHz or 300MHz
Length	0.5m/1m/1.5m/2m/3m/5m/10m/15m/20m/25m/30m
Print #0000	CEM
Application	It can be used to connect various network devices and data transmission communication in network systems, such as the transmission of voice and image. It is widely used in IT network, intelligent building, intelligent home and other integrated wiring systems.

Detailed technical specifications for Cat5e/Cat6 patch cords.

名称	超五类、六类网线
内导体	7*0.12mm(0.45mm, 0.48mm, 0.50mm) or 1*0.40mm(0.45mm, 0.48mm, 0.50mm)
内导体材料	无氧铜、镀镍铜
屏蔽	非屏蔽、半屏蔽、双屏蔽
绝缘材料	PVC/LSZH
护套材料	PVC/LSZH/PVC
护套厚度	5.5mm
插头	标准、非标、RJ45/RJ45PVC/RJ45RJ11/RJ45RJ45PVC
插座	标准、非标、RJ45/RJ45PVC/RJ45RJ11/RJ45RJ45PVC
插入时间	≥1500次
导体电阻 (最大值)	9.38Ω/100m
绝缘电阻 (最大值)	150Ω/千米
电容率 (最大值)	5600pF/100m
频率	160MHz或300MHz
长度	0.5m、1m、1.5m、2m、3m、5m、10m、15m、20m、25m、30m
印字	自定义
应用领域	可用于连接各种网络设备的各种网络通信和数据传输系统，如语音和图像传输。广泛应用于IT网络、智能建筑、智能家居和其他集成布线系统。

Electrical characteristics and material composition overview.

Conductor Details

Parameter	Value/Options
Structure	7*0.12mm (0.14mm, 0.15mm, 0.18mm) or 1*0.40mm (0.45mm, 0.48mm, 0.50mm)
Material	Oxygen-free copper or Copper-clad aluminum
Max Resistance	9.38 Ω/100m

Electrical Performance

150 Ωm Insulation Resistance (Max)	5600 pF/100m Mutual Capacitance (Max)	300 MHz Frequency Support
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Construction & Materials



High-performance patch cords designed for reliable network connections.

Cable Construction

- Shielding: UTP, FTP, or SFTP options
- Insulation: PE or HDPE
- Jacket Material: PVC or LSZH PVC
- Jacket Thickness: 5.5mm

Connector Compatibility

RJ45 (8P8C, 8P6C, 8P4C), RJ11 (6P6C, 6P2C), Gold-plated, Nickel-plated, Metal, Transparent Plastic

Compliance & Quality

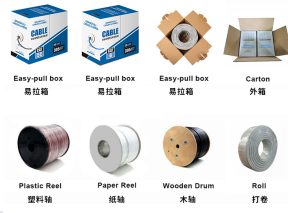
Certifications

ISO 9001 • ISO 14001 • ISO 18001 • CE • RoHS • Fluke Test Passed

Durability Rating

1500 cycles

包装展示 | Packaging



Multiple packaging solutions available for efficient handling and storage.

Available Lengths

0.5m, 1m, 1.5m, 2m, 3m, 5m, 10m, 15m, 20m, 25m, 50m