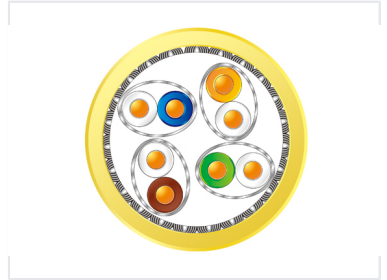


CAT6A Ethernet Cable

This cable is used as a high-speed data cable in cabling systems for cloud computing centers, computer rooms, and factories. It is designed for application in LANs such as IEEE 802.3: 10 Base-T, 100 Base-T, 1000Base-T, and 10G Base-T, and can also be used in industrial environments.



Overview

High-Performance CAT6A Networking

This CAT6A Ethernet cable is engineered for demanding network environments, supporting high-speed data transmission up to 500MHz. Designed for reliability, it features robust shielding to minimize electromagnetic interference and crosstalk, making it an ideal choice for data centers and enterprise applications. The cable adheres to rigorous international standards, ensuring consistent performance and signal integrity.

Technical Specifications

Max Transmission Frequency	500 MHz
Characteristic Impedance	100±15Ω @ 100MHz
Test Voltage	1000V / min (DC)
Insulation Resistance	e6@m
Min. Bending Radius	8D (Fixed Application)

Environmental & Safety

Temperature Range (PVC)	-20°C ~ 70°C
Temperature Range (LSZH)	-40°C ~ 80°C
Flame Resistance Standard	IEC60332-1

Compliance

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

Shielding Capability

S/FTP • EMI Resistant