

CAT6A Shielded Ethernet Patch Cables

These CAT6A shielded patch cables feature a high-quality PC crystal head, ensuring excellent mechanical properties. The gradient one-piece injection molding provides a firm and reliable connection.



Overview

High-Performance CAT6A Connectivity

These CAT6A shielded Ethernet patch cables are engineered for high-speed, reliable data transmission in demanding network environments. Featuring robust shielding to combat electromagnetic and radio frequency interference, they ensure superior signal integrity for 10 Gigabit Ethernet applications. With a focus on durability and precision, these cables support bandwidths up to 500 MHz, making them an ideal choice for professional networking infrastructure.

Standards & Compliance

Reference Standards

YD/T 926.3, IEC 60603-7, ANSI/TIA-568.2-D, ISO/IEC 11801

Physical Construction

Material Composition

- Crystal Head: Polycarbonate (PC)
- Connector Pins: Phosphor bronze with 50 μ g gold plating
- Sheath: Low Smoke Zero Halogen (LSZH)

Plug Life

1000 cycles

Environmental Conditions

Working Temperature

-30 °C

Min Temp

60 °C

Max Temp

Storage Temperature

-40 °C ~ 68 °C

Relative Humidity

10% ~ 90%

Electrical Specifications

Electrical Resistance Data

Parameter	Limit
DC Resistance	d 100m Ω
Contact Resistance	d 20m Ω
Insulation Resistance	500 M Ω
Withstand Voltage	1000 VAC
DC Current Rating	1.5 Amps