

# CAT5e Shielded Ethernet Patch Cord

This CAT5e shielded patch cord features a high-quality PC crystal head for excellent mechanical properties. Its integrated injection molding ensures a solid and reliable connection with a crystal head shell shielding package for reliable grounding.



## Overview

### High-Performance Shielded Connectivity

This CAT5e shielded Ethernet patch cord is engineered for reliable, high-speed network connections in demanding environments. Featuring RJ45 connectors with 50 % gold-plated phosphor bronze pins, it ensures optimal signal transmission and superior corrosion resistance. The shielded twisted pair (STP) construction effectively minimizes electromagnetic and radio frequency interference, making it an ideal choice for 10/100/1000Base-T Ethernet networks.

## Standards & Compliance

### Reference Standards

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

## Physical Construction

### Materials

- Crystal Head: PC
- PIN: Phosphor bronze, 50 % gold plated
- Sheath: PVC

### Plug Life

1000 cycles

## Environmental

### Working Temperature

**-20 °C**  
Min

**60 °C**  
Max

### Storage Temperature

-40 °C ~ 60 °C

### Relative Humidity

10% ~ 90%

## Electrical Performance

### Electrical Parameters

Parameter	Value
Insulation Resistance	e 500M $\text{\textcircled{C}}$
Withstand Voltage	1000 VAC
DC Current	1.5 Amps
DC Resistance	d 100m $\text{\textcircled{C}}$
Contact Resistance	d 20m $\text{\textcircled{C}}$