

# CAT6 Shielded Ethernet Patch Cord

This CAT6 shielded patch cord features a high-quality PC crystal head, ensuring excellent mechanical properties. Its gradient one-piece injection molding provides a firm and reliable connection, while the crystal head shell offers reliable grounding.



## Product Overview

### High-Performance Networking Connectivity

This CAT6 shielded patch cord is engineered to deliver reliable, high-speed network connections in demanding environments. Featuring shielded twisted pair (STP) cabling, it effectively minimizes electromagnetic and radio frequency interference to ensure signal integrity. With gold-plated contacts and a durable PVC jacket, this cable is built for longevity and consistent performance in data centers and server rooms.

## Compliance & Standards

### Compliance Standards

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

## Materials & Construction

### Material Composition

Component	Material
Crystal Head	PC
PIN	Phosphor bronze, 50 ½gold plated
Sheath	PVC

## Physical Parameters

### Physical Specifications

**1000 times**

Plug Life

## Environmental Conditions

### Operating Environment

- Working temperature: -20 °C to 60 °C
- Storage temperature: -40 °C to 60 °C
- Relative humidity: 10% to 90%

## Electrical Parameters

### Electrical Performance

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 $\text{\textcircled{C}}$