

# CAT6A Shielded Modular Plug Terminated Link Connector

This CAT6A shielded modular plug terminated link (MPTL) connector supports 10Gbps applications. The shell is 360° fully shielded to ensure optimal performance.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance MPTL Connector

This CAT6A shielded modular plug terminated link (MPTL) connector is engineered for high-performance network environments requiring robust signal integrity. Designed to support 10 Gigabit Ethernet, it features advanced shielding to minimize electromagnetic interference (EMI) and radio frequency interference (RFI). Its durable zinc alloy construction and reliable termination mechanism make it an ideal choice for data centers and industrial applications where high-speed, secure data transmission is critical.

## Compliance & Standards

### Compliance Standards

YD/T 926.3, IEC 60603-7, ANSI/TIA-568.2-D, ISO/IEC 11801-1, UL 94V-0

## Material Composition

### Material Specifications

Component	Material
PIN	Phosphor bronze, 50 ½gold plated
IDC Reed	Phosphor bronze, 200 ½finned
Plastic Parts	ABS + PC
Housing	Zinc alloy, nickel plated

## Physical Parameters

### Durability & Environment

**1000 cycles**

Plug Life

**250 cycles**

Wiring Life

Operating Temperature	-10°C to 60°C
Storage Temperature	-40°C to 60°C
Relative Humidity	10% - 90%

## Electrical Parameters

### Electrical Performance

- Insulation resistance: e 500 M $\Omega$
- Withstand voltage: 1000 VAC
- DC current: 1.5 Amps
- DC resistance: d 100 m $\Omega$
- Contact resistance: d 20 m $\Omega$