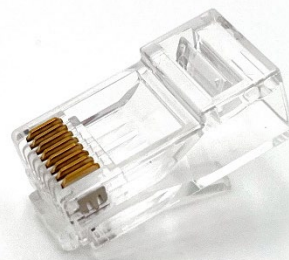


### CAT6 ONE-PIECE RJ45, 8P8C UN-SHIELDED PLUG

#### Features

- Tailored for Cat6 twisted pair cables.
- Supports 10GBASE-T for high-speed networks.
- Eight-pin configuration ensures precise alignment.
- Contacts resist corrosion, ensuring durable connections.
- Simplified termination with compatibility for common tools.



#### General

Interface  
ANSI/TIA Category  
Cable Type Compatible  
Conductor Type Compatible  
Module Material  
Contact Material  
Durability

RJ45  
Category 6  
Round, Unshielded  
Solid | Stranded  
Polycarbonate (PC)  
Gold Plated Phosphor Bronze  
750 times

#### Dimensions

Compatible Conductor Gauge  
insulation-piercing Diameter  
Contact Plating Thickness

24AWG to 23AWG  
1.05 mm  
1.27 μm

#### Technical

Operating Temperature  
Storage Temperature  
Plug Retention Force  
Current Rating  
Insulation Resistance  
Contact Resistance  
Voltage Tested

-40°C to +80°C  
-40°C to +80°C  
20 lbs Min.  
250V AC, 2A@25°C  
500MΩ Min, 100V DC/min  
20 mΩ Max.  
1000V AC/1 minute no breakdown

#### Compliance

Applicable  
Standards

RoHS2.0  
ANSI/TIA-568.2-D  
TIA-968-A | TIA-1096-A  
IEC 60603-7-4



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