

CAT5E ONE-PIECE RJ45, 8P8C UN-SHIELDED PLUG

Features

- Tailored for Cat5e twisted pair cables.
- Supports 1000BASE-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 5E
Round, Unshielded
Solid | Stranded
Polycarbonate (PC)
Gold Plated Phosphor Bronze
750 times

Dimensions

Compatible Conductor Gauge
insulation-piercing Diameter
Contact Plating Thickness

26AWG to 24AWG
1.00 mm
1.27 μ m

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
500M Ω Min, 100V DC/min
20 m Ω Max.
1000V AC/1 minute no breakdown

Compliance

Applicable
Standards

RoHS2.0
ANSI/TIA-568.2-D
TIA-968-A | TIA-1096-A
IEC 60603-7-2

