



Cat 5e UTP Pass Through RJ45 Connector, 1U Gold-Plated Contacts

Model: NPN-RJ45-1C5PTU-PC10 / NPN-RJ45-1C5PTU-PC100

Main Features:

- ✧ Durable design: ≥ 1000 mating cycles;
- ✧ Trident head ensures stable contact for rapid transmission;
- ✧ Pass-through design for fast and easy wiring.

Connector Type

Category	Cat 5e
Type	8P8C (Eight Position, Eight Contact)2
Shielding	Unshielded

Material

Housing Material	Polycarbonate
Contact Material	Copper
Contact Surface Material	Gold Plating on Nickel Barrier
Gold Plating Thickness	1U (1 μ m or 0.0254 μ m)

Electrical Properties

Voltage/Current Rating	125 VAC / 1.5 A
Insulation Resistance	≥ 500 M Ω
Contact Resistance	≤ 20 m Ω
Dielectric Withstand Voltage	1500 V DC/AC Peak

Mechanical Properties

Durability	≥ 1000 mating cycles
Wire Gauge	0.85 mm $\leq \varnothing \leq$ 1.0 mm

Environment

Operating Temperature	-40°C to 70°C
Operating Humidity	RH 10% to 90% (non-condensing)
Storage Temperature	-40°C to 80°C
Storage Humidity	RH 5% to 96% (non-condensing)

General

Dimension	23x12x8 mm (LxWxH)
Net Weight	1.5 g

Diagram

