

IP68 Outdoor Cat 6 UTP Keystone Coupler



Model: NPN-RJ45-1C6U-TWP2

Main Features:

- ✧ IP68 rating for outdoor use;
- ✧ Nylon PA66 for superior strength and long-lasting performance;
- ✧ Connect two RJ45 patch cables to create a longer cable;
- ✧ Durable design: ≥ 750 mating cycles;
- ✧ 3U Gold-plated contacts for enhanced conductivity.

Connector Type

Category	Cat 6
Connector	2x RJ45(8P8C) Female Ports
Shielding	Unshielded

Material

Housing Material	Nylon PA66
Contact Material	Phosphor Bronze, Stamped Pin, Thickness = 0.35mm
Contact Surface Material	Gold Plating, thickness = 3U (3 μ m or 0.0762 μ m)

Electrical Properties

Transmission Frequency	250 MHz
Voltage/Current Rating	125 VAC / 1.5 A
Insulation Resistance	≥ 1000 M Ω
Contact Resistance	≤ 100 m Ω at 500 VDC
Dielectric Strength	750 VAC RMS, 60Hz, 1 minute

Mechanical Properties

Durability	≥ 750 mating cycles
Wire Diameter	4 mm \leq OD \leq 8 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	Ø22.5x108 mm (Diameter x Length)
Net Weight	25 g

Diagram unit: mm

