

Cat 6 Unshielded Surface Mount Box, Krone IDC



Model: NPN-IL-1C6U-TC

Main Features:

- ✧ Easily extends network cable connection;
- ✧ Durable design: ≥ 300 termination;
- ✧ 3U Gold-plated contacts for enhanced conductivity;
- ✧ Dual color-coded for easy T568A/B wiring scheme.

Connector Type

Category	Cat 6
Shielding	Unshielded
IDC Type	Krone

Material

Housing Material	ABS
IDC Material	PC Contact Jaw: Phosphor Bronze with Nickel Plating
Contact Surface Material	Gold Plating, thickness = 3U (3 μ m or 0.0762 μ m)
PCB Material	FR-4

Electrical Properties

Voltage/Current Rating	125 VAC RMS / 1.5 A
Insulation Resistance	≥ 1000 M Ω at 500 VDC
Contact Resistance	≤ 20 m Ω
Dielectric Strength	750 VAC RMS, 60 Hz, 1 minute

Mechanical Properties

IDC Lifespan ≥ 300 termination cycles

Wire Gauge AWG 22-26

Wiring Scheme T568A/T568B

Environment

Operating Temperature -25°C to 70°C

Operating Humidity RH 10% to 90% (non-condensing)

Storage Temperature -40°C to 85°C

Storage Humidity RH 5% to 96% (non-condensing)

General

Dimension 62.5 x 25.9 x 24.9 mm (LxWxH)

Net Weight 20 g

Gross Weight 24 g

Diagram unit: mm

