Cat6 Punchdown Keystone Jack

FOR DATA CENTER, NETWORK ENGINEERING CABLING, ENTERPRISE NETWORK CABLING



Overview

Cat6 UTP RJ45 Punchdown Keystone Jack Module is designed to terminate 4-pair, 23-26 AWG twisted pair cable. Each module is factory tested to exceed industry standard performance requirements. Contacts are plated with 50 microinches of gold for superior performance. Jacks are individually serialized, and are compatible with keystone interfaces such as faceplates, modular patch panels and surface mount boxes.

Benefits

- Support IEEE 802.3af/at/bt, Verified IEC 60512-99-001 & IEC 60512-99-002 Test
- Fast Installation With Special Punch Tool or Crimping Tool
- Dual-color-coded Labeling for 568A/B (258A) Wiring Schemes
- Gold-plated RJ45 Contacts for Optimal Conductivity
- To Be Used with Keystone Wall Plate or Panel

Technical Specification

Characteristics	C6M-U
Electrical	
Current Rating Insulation	1.5Amps
Resistance	≥ 500 MΩ
Contact Resistance	≤20 mΩ
DC Resistance	≤ 0.3 Ω
DC/AC Volt Endurance	DC1000V/AC750V 1min
Mechanical	
Mating cycles	750 cycles minimum
IDC mating cycles Operating	200 cycles minimum
temperature	-10~60°C
Operating humidity	10%~90%RH
Storage temperature	-40°C to 68°C
Physicals	
TIA Cat6 Perm Link Test	Worst Pair NEXT Headroom ≥ 3.0dB
Plastic Parts	High quality engineering plastic
PCB	FR-4, 1.2mm Thickness
Jack Wire	0.35 mm Phosphor bronze gold over nickel plating
IDC conductor	0.5mm Phosphor bronze, tin-plating
Contact compatibility	Accommodate 23 to 26 AWG solid
Standards	ANSI/TIA-568.2-D; ISO/IEC TR 11801-9901-2014 ; ISO/IEC 60603-7-41; YD/T 926.3-2009

Product Specification

