

## CAT.6 UTP MINI KEYSTONE JACKS - CN6UTBK/M



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NEXCONEC<sup>®</sup> Category 6 tool free RJ-45 Mini keystone jacks exceed the transmission line performance requirements of IEC and TIA for CLASS E/Category 6 systems. Each Category 6 tool free RJ-45 MINI keystone jacks comply with **IEC 60603-7-4** (unshielded) and support all applications designed for CLASS E networks, as defined within **ISO/IEC 11801** (2nd Edition): 2010 including ATM-1200, 1000BASE-T (Gigabit Ethernet), and 1G FCBASE-T.

### FEATURES

- ✓ Easy and fast tool free termination
- ✓ Fits all keystone style face plates and floor boxes
- ✓ Shorter length for better cable routing inside backbox with faceplate
- ✓ Suitable for modular unscreened patch panel installation
- ✓ Support application with PoE, IEEE 802.3bt PoE++ Type 4

### APPLICATIONS

- ✓ Support Class-E/Category 6 standards networks
- ✓ Independent third party verified performance
- ✓ Terminates 23AWG to 26AWG conductors

**SPECIFICATIONS**

Parameters	Value
Shell Material	High quality engineering plastic
Jack Wire	Stamp Pin 0.35mm, Phosphor Bronze Gold over Nickel Plating
IDC Conductor	0.5mm Phosphor Bronze, Tin-plating
Jack Contact Life	Min. 750 Insertions
Contact Compatibility	Accommodate 22 to 24 AWG Solid
Wiring Block Life	Min. 200 term. cycles
PCB	FR-4, 1.2mm Thickness
Termination	180° Termination
Termination Wiring	TIA-568A or TIA-568B
TIA Cat.6 Perm. Link Test	Worst Pair NEXT Headroom $\geq 3.0$ dB
Operating Temperature	-10°C / +60°C
Operating Humidity	10% ~ 90% RH
Storage Temperature	-40°C ~ +68°C
Application	Support application with PoE, IEEE 802.3bt PoE++ Type 4
Compliance	ANSI/TIA-568-C.2, ISO 11801, IEC 60603-7
RoHS	Compliant
Warranty	12 Months
Packing	25pcs per bag

**ORDER INFORMATION**

Part Number	Product Description
<b>CN6UTBK/M</b>	NEXCONEC CAT.6 UTP Mini Keystone Jack Tool less, Black
<b>CN6UTWH/M</b>	NEXCONEC CAT.6 UTP Mini Keystone Jack Tool less, White

TECHNICAL DRAWING

