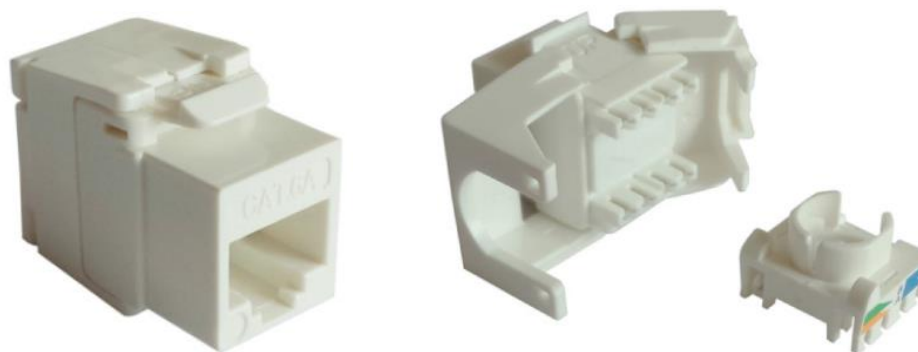# CAT.6A UTP MINI KEYSTONE JACKS - CN6AUTBK/M

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NEXCONEC® Category 6A unshielded tool free RJ-45 mini keystone jacks exceed the transmission line performance requirements of IEC and TIA for CLASS EA/Category 6A systems. Their compact design has been engineered to optimize density in high performance applications such as Data Centers. Each Category 6A unshielded RJ-45 keystone jacks comply with **IEC 60603-7-41** (unshielded) and support all applications designed for CLASS EA networks, as defined within **ISO/IEC 11801** (2nd Edition):2010 including 10GBASE-T (10 Gigabit Ethernet), 2G FCBASE-T, 4G FCBASE-T and 1000BASE-T (Gigabit Ethernet).

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-EA/Category 6A standards networks

✓ Independent third party verified performance

✓ Terminates 22AWG to 24AWG conductors, allowable max. cable OD 8.2mm

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.6A Perm. Link Test	Worst Pair NEXT Headroom ≥3.0dB
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-568.2-D-2018, ISO/IEC 11801-1-2017, YDT926.3-2009, ISO/IEC 60603-7-41
RoHS	Compliant
Warranty	12 Months
Packing	25pcs per bag

ORDER INFORMATION

Part Number	Product Description
CN6AUTBK/M	NEXCONEC CAT.6A UTP Mini Keystone Jack Tool less, Black
CN6AUTWH/M	NEXCONEC CAT.6A UTP Mini Keystone Jack Tool less, White

TECHNICAL DRAWING

14.6±0.1

16.2±0.2

23.1±0.2

16.2±0.1

19.7±0.1

21.1±0.1

8.1±0.1

9.8±0.1

29.3±0.2