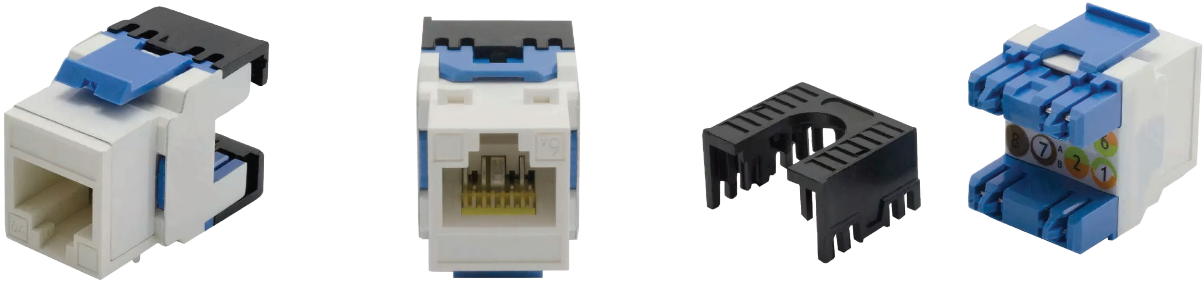


CAT6A Jack to Jack Keystone 180° Unshielded - ISO/IEC

ISO/IEC Cat 6A Level 180° UTP punch-down keystone jack is designed to easily snap in and out of the wall outlet, patch panel and surface mount box. It is individually terminated using Insulation Displacement Connectors (IDC) with punch down tool for quick installation. ISO Cat 6A Level 180° UTP Punch-down Keystone Jack comes with T568A/T568B color label and fully complies with connecting hardware transmission performance of edition 2.2 of ISO/IEC 11801, CENELEC 50173-1, and ANSI-TIA-568.2-D for Return loss, Insertion loss, NEXT loss, FEXT loss, TCL, TCTL, PSANEXT loss, and PSAFEXT loss up to 500MHz. The unique structure provides an efficient and effective method of reducing alien cross-talk from neighboring connectors.

Unshielded ISO/IEC Keystone



Features

- ISO/IEC Category 6A Component Verified, 500 MHz frequency
- ISO/IEC Cat6A with 3dB better than TIA Cat6A
- Press-Fit Technology: Makes the product more reliable.
- Better conductivity, stable transmission
- No medium between PCB and contacts.
- Unique spring contact structure with Taiwan & U.S Patent.
- Improved RL & counteracting NEXT.

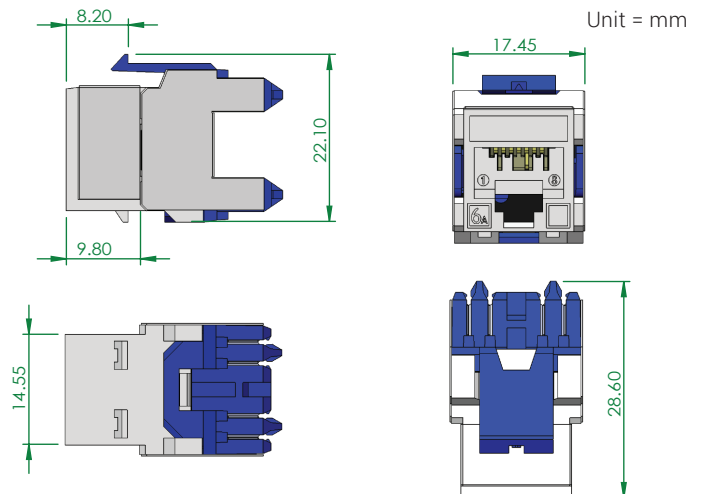
Ordering Codes

Product Code	Product Description	Web Code
KJ-RJ45F-RJ45F-C6A-US-180-ISO/IEC	180° ISO/IEC-6A Unshielded Keystone jack, Dual IDC, white Component-Rated Performance, POE+ Compliant	YT01644

Packaging



Dimensions



Specifications

Technical Information

Transmission Performance	ISO-11801 & TIA-568.2-D Cat 6A Connecting Hardware Certified
FCC & IEC Compliance	Meets FCC part 68-F & IEC 60603-7
PoE Compliance	Supports Power over Ethernet PoE+ 802.3at and PoE++ 802.3bt
Ethernet Standard	IEEE 802.3an 10GBase-T 10Gbit/s Ethernet over Twisted Pair
EU Directive 2002/95/EC	RoHS Compliant
Safety Listing	UL Listed

Materials Specifications

Jack Housing	ABS UL94V-0
Spring Wire	Phosphor Bronze
Spring Wire Plating	50u" Gold at Contact Area Nickel Undercoat
IDC Terminal	Phosphor Bronze
IDC Terminal Plating	Nickel
IDC Block	Hi-impact PC UL94V-0
PCB	FR-4

Environmental Specifications

Operating Temperature	-10°C to 60°C
Storage Temperature	-40°C to 68°C
Humidity	10% to 90%RH

Cable & Tool Compatibility

Cable O.D.	5mm to 9mm
Insulation Diameter	0.8mm to 1.2mm
Conductor Gauge	22AWG Solid to 24AWG Stranded

Mechanical Specifications

Keystone Latching Force	>150N
Plug Insertion Life	>750x
Plug Retention Force	>80N
Plug Insertion Force	<20N
Plug Withdraw Force	<20N
IDC Re-Termination	>20x
Cable Retention Force	>80N

Electrical Specifications

Contact Resistance	<20mΩ
DC Resistance	<200mΩ
Resistance Unbalance	<50mΩ
Insulation Resistance	>500MΩ
Dielectric Strength	>1000VDC
Current Rating	1.5A @ 20°C

Termination Tools

MT13228	KJ-TOOL-180-YT01644
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