

CAT 6 UTP KEYSTONE JACK



180° Keystone Jack



90° Keystone Jack

DESCRIPTION

The excellent performance of datacom ethernet keystone jack provides system stability to the entire network and fulfills the high-speed transmission requirements from telecommunication rooms to work areas. Category 6 Unshielded 90/180 Degree RJ45 110 Punch Down and toolless ethernet Keystone Jack is suitable for 23 gauge to 26 gauge stranded and solid wires. The cap makes the appearance more appealing and unique. The excellent performance of the ethernet jack provides system stability to the entire network and fulfills the high-speed transmission requirements from telecommunication rooms to work area. The width of the main body is only 16.2 mm, which can be easily installed in any kind of standard faceplate. Datacom cat6 component channel performance could fulfill high-speed transmission requirements from the telecommunication room to the work area.

APPLICATION

- Today's high performance workstation applications.
- Ethernet 10BASE-T, 100BASE-T (Fast Ethernet), 1000BASE-T (Gigabit Ethernet)
- Digital video and broadband/baseband analog video
- Voice over Internet Protocol (VoIP)
- POE Type 1 to 4 applications.

DESIGN CONSIDERATIONS

- Use with Datacom Cat 6 UTP Cable

STANDARDS COMPLIANCE

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1 CLASS E
- UL CERTIFIED & ROHS COMPLIANT.

FEATURES

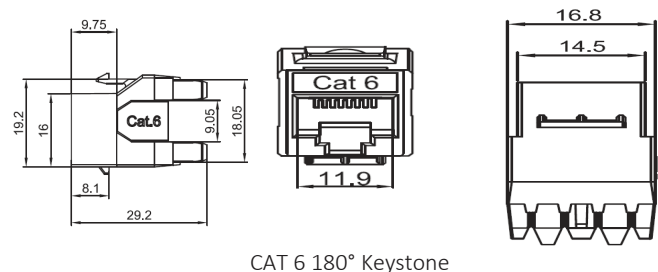
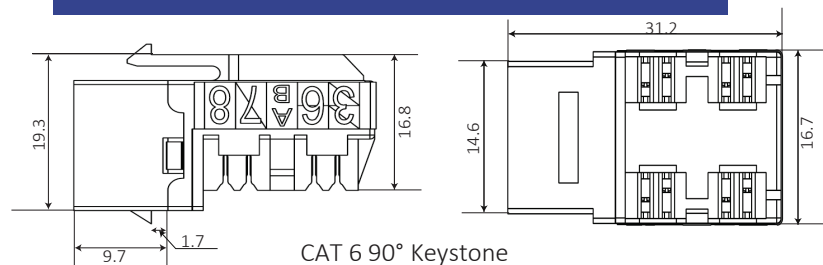
- Guaranteed performance : Datacom guarantee that each jack module will deliver the critical electrical performance Requirements.
- Snap In : Datacom keystone jack modules snap in and out of all Datacom face plates, Modular Patch Panels, floor adapters and surface mount boxes foreasy moves, adds, and changes.
- Interface: IEEE /TIA Standard interface provides a seamless plug and play connection to RJ45 Patch cords.
- Features pointed IDC towers to speed termination and enhance cable retention.
- Dual color-coding allows for 568 A/B wiring configuration.
- RJ-11 & RJ-12 compatible
- Category identification on the front side of the jack.
- 50-micron gold-plated contacts
- Universal color-coding according to T568A and T568B
- IDC contacts that allow re-termination for wiring changes without damaging the unit.

CAT 6 UTP KEYSTONE JACK

TECHNICAL SPECIFICATIONS		
Mechanical Properties		
	CAT6 90°	CAT6 180°
Termination Punch downs, minimum	200 Times	200 Times
Plug Insertion Life, minimum	750 cycles min	750 cycles min
Plug Retention, Force minimum	≤ 20 N	≤ 20 N
Pull Force	7.7 kg between Jack and Plug	7.7 kg between Jack and Plug
Environmental specifications		
Operating Temperature	- 10°C To 60°C	- 10°C To 60°C
Storage Temperature	- 40°C To 68°C	- 40°C To 70°C
Safety Standard	UL1863	UL1863
Flammability Rating	UL94-v0	UL94-v0
Electrical Characteristics		
Modular Jack- (Jack Pin)	100VDC	100VDC
110 Contacts (IDC PIN)	100VDC	100VDC
Current Rating	1.5A	1.5A
Contact Resistance Variation, maximum	20m Ohm	20 m Ohm
Voltage Proof, contact-to-shield	N/A	N/A
Voltage Proof, contact-to-contact	1000Vdc, for 60s	1000Vdc, for 60s
Insulation Resistance, minimum	500 MΩ	500 MΩ
Safety Voltage Rating	150 V (UL 1863)	150 V (UL 1863)

CONSTRUCTION DETAILS		
	CAT6 90°	CAT6 180°
Body Material	Housing: ABS, UL94- V0	Housing: ABS, UL94- V0
Body color	Black	White
Contact Base Material	Phosphor Bronze with Nickel plated	Polycarbonate UL94V-2 transparent color
Contact Plating Material	Gold plated on contact area	Gold plated on contact area
Contact Material Type	Phosphor Bronze	Polycarbonate
Termination Contact Plating	Gold	Gold
Thickness	50Micro-inch	50Micro-inch
Compatible Gauge solid	22-24 AWG	23-26 AWG
Insulation Displacement Contacts	Phosphor bronze with Nickel plating	Phosphor bronze with tin plating
Insulation Displacement Contacts' Cap	ABS, UL94V-0, White color	PC, UL 94-HB,
Insulation Displacement Housing	ABS, UL94V-0, White color	PC, grey color (RAL7035), UL 94V-2
IDC Color	White	Grey

TECHNICAL DRAWINGS



ORDERING INFORMATION

Description

Datacom Cat 6 UTP 90° Modular Jack Keystone Jack UL ABS pc-Black

Datacom Cat6 UTP 180° Modular Jack Keystone Jack UL ABS pc-Black

Part No.

DC-MJKJ-C6-BK

DC-MJRJ-C6-BK