

**CAT6 Modular Jack, SL series  
110 IDC Block, Slim series(SL)**

180°  
110 IDC  
Block



**Features**

- Category6 compliant using PCB technology.
- Fits all Keystone style Wall Plates
- Flexible locking tabs for easy insertion/removal from the Wall Plate.
- Re-terminable IDC contacts that allow for wiring changes without damage to the unit.
- Universal colour-coding for T568A and T568B standards.
- IDC termination using 110-style tools.
- Fully compliant to AS/NZS 3080:2013, ISO/IEC 11801:2011 and ANSI/TIA/EIA-568-B, Series Connecting Hardware Standards

**Construction and Material**

**Descriptions**

Product Type	RJ45 Jack with Cover caps and Non-Shutter
Style	Keystone type
Wiring Pattern	T568B/T568A universal color code
Housing Material	High Impact Flame Retardant Plastic
Housing Flammability Rating	UL94V-0 ABS
Jack Connect	Phosphor Bronze with over 50 micron-inches gold plating
Termiante Block	180° 110 IDC, UL94V-0 Polycarbonate
Termiante Material	Phosphor Bronze with tin over 150 micron-inches nickel under plated
Durability	800 mating cycle (Modular Jack) 200 termination cycles (110 IDC Block)
Tool Cover	UL940-0 ABS
Accept Wire Size	26AWG-22AWG solid and stranded wire
Shutter Material	UL940-0 ABS
Compliant	UL and Intertek Channel test
Certified	Lead-free and RoHS compliant

**Electrical Characteristics**

**Descriptions**

Dielectric Strength	1,000V RMS at 60Hz for 1minute
Current Rating	1.5Amp maximum
Insulation Resistance	10MΩ minimum
Contact Resistance	2MΩ per contact
Temperature Rang(Work/Storage)	-10 °C to + 60 °C / -40 °C to + 70 °C
Transmission Performance	Exceeds ISO/IEC 11801 Class E, AS/NZS 3080:2013 Class E

**Electrical Characteristics**

Frequency (Mhz)	INSERTION LOSS (dB)	NEXT (dB)	FEXT (dB)	Return Loss (dB)
1.0	0.02	84.8	83.7	52.4
4.0	0.02	80.3	74.5	53.7
8.0	0.02	77.5	69.5	55.3
10.0	0.03	76.5	67.5	56.1
16.0	0.03	72.0	63.0	57.6
20.0	0.04	72.1	61.7	59.3
25.0	0.04	69.1	60.0	59.4
31.25	0.05	67.7	58.2	56.8
62.5	0.06	61.5	52.6	42.3
100.0	0.06	57.7	48.8	33.2
200.0	0.06	52.5	42.2	21.2
250.0	0.10	48.0	40.1	17.4

**Order Part Number as Below.**

Part Number.	Descriptions.
C63221	CAT6 Modular Jack, 110 IDC Block, Slim series(SL), Blue color
C63222	CAT6 Modular Jack, 110 IDC Block, Slim series(SL), Black color
C63223	CAT6 Modular Jack, 110 IDC Block, Slim series(SL), Red color
C63224	CAT6 Modular Jack, 110 IDC Block, Slim series(SL), White color
C63225	CAT6 Modular Jack, 110 IDC Block, Slim series(SL), Yellow color

**Descriptions**

The BELLCOMMS ranges of products are the next generation of data communications solutions. Low attention loss with new innovation produce technology, improving consistency in performance, and exactly matching the work-area outlets. these modular jacks are color coded for both T568A or T568B standards and can be terminated using a Krone or 110 style tools. Clear wire retaining caps are supplied and can be used to provide additional cable strain relief. more desinging for add Shutter panel for close RJ45 hole for protected the dust go to inside for save face contact performance.



**Standard**

- ANSI/TIA-568.2-D CATEGORY 6
- ISO/IEC 11801:2017 CLASS E
- EN50173-1 CATEGORY 6
- T568B/T568A UNIVERSAL COLOR PATTERN
- UL LISTED AND INTERTEK TEST
- LEAD-FREE & RoHS COMPLIANT BY TUV
- TIA/EIA TSB-40
- TERMINATE 110 IDC, KNONE
- ANGLE 900/1800
- Housing UL94V-0 ABS
- Temiante block UL94V-0 Polycarbonate
- Toolless Type UL94V-0 ABS

**Applications**

- 10G BASE-T (IEEE 802.3an 10GIGABIT ETHERNET,55m)
- 1000 BASE-T(IEEE 802.3ab GIGABIT ETHERNET)
- 100 BASE-TX(IEEE 802.3U FAST ETHERNET)
- 10 BASE-T (IEEE 802.3 ETHERNET)
- 155/622Mbps AND 1.2Gbps ATM
- 4/16 Mbps TOKEN RING
- POE, POE+(IEEE 802.3af,IEEE 802.3at)
- TP-PMD, TPDDI, ISDN, VoIP
- ANALOG & DIGITAL VOICE, DIGITAL & ANALOG VIDEO

**Compatible to Patch Panel Unload as below.**



C62221 24-Ports Patch Panel Unload, 1U