



Category 6 Modular Jack



The BELLCOMMS range of products are the next generation of data communications solutions. Low attention loss with new inocation produce technology, improving consistency in performance, and exactly matching the work-area outlets. these modular jacks are colour coded for both 568B standards and can be terminated using a Krone or 110 style tool. Clear wire retaining caps are supplied and can be used to provide additional cable strain relief.

Specification :

Application : Supports Voice, 155/622 Mbps ATM, 270 Mbps digital video, 4/16 Mbps Token Ring, 100 Mbps TP-PMD, Supports 10BASE-T Ethernet, 100BASE-TX Fast Ethernet, Supports 1000BASE-T Gigabit Ethernet, and Broadband video, 100mbps TPDDI, ISDN Broadband video, ISDN

Product Features :

- Fully compliant to AS/NZS 3080:2003, ISO/IEC 11801. Edition 2 2002 and ANSI/TIA/EIA-568-B. Series Connecting Hardware Standard.
- Backward compatible with Category5 and 5e products.
- Flexible locking eith all Keystone style Wall plate.
- Convenient with termination them with Tool-less cover.
- Tool-less cap proteted with slide-out Cable form IDC hold, after termination.
- UL 94V-O rated.
- Accepts solid 22-24 AWG diameter conductors.

Customer Benefits :

- Performs beyond Category6 Standards.
- Various colours for easier circuit identification.
- Is backward compatible with Category5 and 5e products, allowing component mixing without degrading the network below the minimum component category.
- Tool-Less tyle fits all Key Stone Wall Plates customer access to the most popular plates on the market.
- For use in Multi-user Telecommunication Outlet Applications (MUTO) and Consoli-dation Points (CP).
- Flexible locking tabs allow for easy removal from Wall Plates.
- Clear IDC caps that allow for termination varification and assist in cable retention.
- Compatible with 110 Krone and Bix tools, allwing for wider choice of tools for installers

PART NO.	DESCRIPTION
C63004	CAT6 Modular Keystone Jack white color

Technical Specifications :

Frequency MHz	INSERTION LOSS		NEXT dB	FEXT dB	RETURN LOSS dB
	dB	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	

Color :

- Whit electric (WE), Black (BK), Soft Grey (SG), Green (GR), Red (RD), Yellow (YL) & Blue (BU).

Electrical Characteristics :

Electrical Characteristics	
Dielectric Strength	: 1,000V RMS at 60Hz for 1minute
Current Rating	: 1.5Amp maximum
Insulation Resistance	: 200M-Ohm minimum
Contact Resistance	: 1m.Ohm per contact
Temperatur Rang	: -40 C to + 70 C
Transmission Performance	: exceeds ISO/IEC 11801 Class E AS/NZS 3080:2003 Class E

Mechanical Characteristics :

Modular Connector	
RJ45 8-Pin Connector	: FCC part 68, Subpart F and IEC-60603-7 compliant
Durability	: 1000 insertion cycles min.
Material	: Phosphor Bronze with 50 micro-inches of gold over 100 micro-inches nickel plating
IDC Connector	
IDC Conector	: Insulation slicing of 22 to 24 AWG (0.64 to 0.41mm)
Insulation Diameter (Wire)	: 0.70 - 1.40mm
Durability	: 10 insertions of any combination of wire gauge - two wire per slot
Connector Material	: Phosphor Bronze with nickel plating
IDC Body & Cover Material	: Fire-Retardant, UL 94V-0, Plastic