



Category 5E RJ45 Modular Jack, Shutter



Tool-Less Shuttered Jack

110 Keystone Jacks :

The BELLCOMMS Bringing the easy termination of the 110 style block and the proven reliability of BELLCOMMS modular jack interface together on a PC board provides a controlled connection design that yields superior performance. 110Connect System jacks are available in Category5E performance, T568A, T568B, and both shielded and unshielded versions to meet every cabling requirement. These jacks accept 22-26 AWG solid or 20-26 AWG 7-strand conductors with a maximum insulation diameter of 0050 inches.

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
Standards	: TIA/EIA 568A/B Category 5E, ISO/IEC11810, CENELEC EN50173, UL & cUL, TIA/EIA-568A-5
Product Tyoe	: RJ45 with tooless cover caps
Wiring system	: T568A and T568B universal
Body Material	: UL94-0 ABS/PVC (High Impact Flame retardant Plastic)
Contact Plating	: 50micro inches Gold plating over Niekel plated UL94V-OPBT
Termination Tool	: Tool-Less, 10 Impact, Krone tool
Terminal Block	: 110IDC UL94-PC
Style of Modular	: 110 Keystone Jacks
Ramark	: BELLCOMMS lunch with 2 type with Tool-Less Shutter Kesystone Modular Jack Cat5E

Product Features :

- Category5E 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 568A and 568B standards.
- IDC termination using 110 style tools.
- Fully compliant to AS/NZS 3080:2003, ISO/IEC 11801 Edition 2 2002 and ANSI/TIA/EIA-568-B. Series Connecting Hardware Standards.

Technical Specifications :

Frequency	Attenuation	NEXT	PS NEXT	FEXT	RETURN LOSS
MHz	dB	dB	dB	dB	dB
1.0	0.05	86.0	84.0	83.5	54.2
4.0	0.05	72.7	71.0	73.1	47.8
8.0	0.05	67.0	65.0	67.5	42.8
10.0	0.05	65.0	63.0	65.5	41.0
16.0	0.10	60.7	59.0	61.5	37.2
20.0	0.10	60.0	57.1	60.0	35.5
25.0	0.10	57.0	55.1	58.0	34.0
31.25	0.10	55.0	53.1	56.0	32.0
62.5	0.15	49.0	46.7	50.2	26.2
100.0	0.20	44.5	41.9	46.0	23.0

PART NO.	DESCRIPTION	COLOR
BM019	CAT5E Modular Jack Tool-Less Shuttered	White

Customer Benefits :

- Being fully compliant to all necessary industry standards and requirements gives the customer confidence that their networks will perform to their best.
- No damage is caused due to the easy removal of the product from Wall Plates.

Electrical Characteristics :

Dielectric Strength	: 1,000V RMS at 60Hz for 1minute
Current Rating	: 1.5Amp maximum
Insulation Resistance	: 10M-Ohm minimum
Contact Resistance	: 2m. Ohm per contact
Temperatur Rang	: -10 C to + 60 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	: 750 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 - 1.60mm
Durability	: 10 insertions of any combination of wire gauge - one wire per slot
Connector Material	: Phosphor Bronze with nickel plating
IDC Body & Cover Material	: Fire-Retardant, UL 94V-0, Plastic