Category 5E RJ45 Modular Jack

Face Plate, Shuttered, Non-Shuttered

110 Keystone Jacks

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 yeilds 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/IEC11801, CENELEC EN50173, UL & cUL, TIA/EIA-568A-5
Product Type	:	RJ45 with tooless cover caps
Wiring system	:	T568A and T568B universal
Body Material	:	UL94-0 ABS/PVC (High Impact Flame retardant Palstic)
Contact Plating	:	50microinches Gold plating over Niekel plated UL94V-0PBT
Termination Tool	:	Tooless, 10 impact, Krone tool
Terminal Block	:	110IDC UL94-PC
Style of Modular	:	110 Keystone Jacks

Technical Specifications

Frequency (MHz)	Attenuation (dB)	NEXT (dB)	PS. NEXT (dB)	FEXT (dB)	RETURN LOSS (dB)
1	0.05	86.0	84.0	83.5	54.2
4	0.05	72.7	71.0	73.1	47.8
8	0.05	67.0	65.0	67.5	42.8
10	0.05	65.0	63.0	65.5	41.0
16	0.10	60.7	59.0	61.5	37.2
20	0.10	60.0	57.1	60.0	35.5
25	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	0.20	44.5	41.9	46.0	23.0

As you know, when standard 8 position modular plug mated with PCB mounted 8 position jack, it cannot meet the CATEGORY5E NEXT (Near End Cross Talk) requirement by TIA/EIA TSB40-A. Now we have designed a high performance 8 position plug with shielded or non-shielded version to meet TIA/EIA TSB40-A test specification for serving our customer.

Description

The BELLCOMMS Product wallplates come in either Australian/US or British styles. The faceplates are white in color and come with screws for wall mounting. They are available in 1, 2, 3, 4 or 6 port standard sizes.

Technical Specifications
Product Features and Benefits

▶ The British Style Plate comes with an integral shutter to protect from dust, dirt and moisture
▶ Modular design allows for multi media capability
▶ Plates are available in 1, 2, 3, 4 and 6 port sizes
▶ The curved design provides nice aesthetics Mechanical Characteristics - Material :ABS

Dimension

Australian/US Style 115mm(H) x 70mm(W) x 6mm(D)
Face Plates
Shipping Weight 20g
British Style Face Plates 86mm(H) x 86mm(W) x 8mm(D)
Shipping Weight 20g

PART NO.	DESCRIPTIONS	
BM001	Cat5E Modular Jack unsheild	Ivory

PART NO.	DESCRIPTIONS	
BM012	1port Face Plate, Shuttered, US style	White
BM013	2port Face Plate, Shuttered, US style	White
BM014	1port Face Plate, Non-Shuttered, US style	White
BM015	2port Face Plate, Non-Shuttered, US style	White
BM016	2"x4" Box.	White