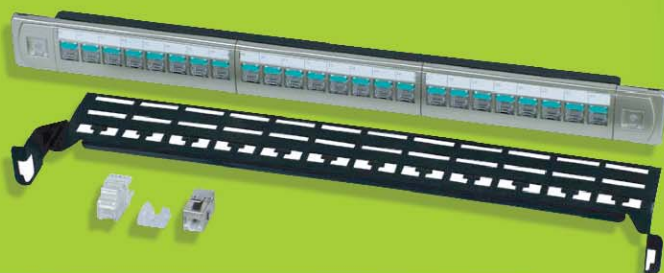




Category 5E Patch Panel Tool-Less Shuttered



The BELLCOMMS Category5E Patch Panels Shutter are a versatile and economic means of cross connecting between vertical and horizontal cabling or direct hub to horizontal cabling. the panel is available in 12, 24, and 48 Port versions. The cable termination is provided by the popular 110 Insulation Displacement Contact (IDC). Labeling is provided on both front and rear for easy indentification. The product is designed to be mounted on a 19-inch rack.

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	: EIA/TIA 568A/B Category 5E, ISO/IEC11801, CENELEC EN50173, UL & cUL, TIA/EIA TSB-40, ANSI/TIA/EIA-568-B.2
Jack Contact	: RJ45 8p8c, 50micro inches Gold plating over Nickel plated UL94V-OPBT
Wiring system	: T568A and T568B universal
Body Material	: Metal with thickness 1.5mm and Black coating.
Termination Tool	: Impact Krone tool
Terminal Block	: 110IDC UL94-PC
Style of Modular	: PCB RJ45 connector

Product Features :

- Powder-coated metal framework.
- Universal colour-coding for 568A and 568B standards.
- Removable rear cable management tray.
- Compatible with standard 19" equipment frames.
- IDC termination using 110 style tools.
- Fully compliant to AS/NZS 3080:2003, ISO/IEC 1181 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	Height
BM020	CAT5E Patch Panel 24 Ports Tool-Less shuttered	1.75" (1U)

Customer Benefits :

- Complete with all mounting and cable fixing hardware.
- Rear cable management tray is supplied loose, allowing the installer to fit after termination
- The front labelling system provides a clear and efficient means of identifying circuits.
- Powder coated metal frame is robust and protects the patch panel from corroding and scratching.
- Compliance with international standards gives the customer peace of mind that their network will perform to Link, channel and application requirements.

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