Category 6 Patch Panel

C62003

C62002

The BELLCOMMS Cat6 Patch Panel Shuttered range of products are the next generation of data communications solutions. The Category6 Patch Panels are a perfect combination of sleek looks and outstanding performance.

The 24 individual Category6 keystone modular jacks Shutter incorporate High Technology produce with PC Board low loss insertion, improving consistency in performance, and exacly matching the work-area outlets. These modular jacks are colour coded for both 568A and 568B standards and con be terminated using a standard either Krone or 110 style tool. Clear wire retaining caps are supplied and can be used to provide additional cable strain relief.

The sleek silver face of the product comprises three designation-strip holders with alabel kit supplied. Velcro cable ties, cage nuts and screws are also provided with the product.

Specification :

Application : Supports Voice, 155/622 Mbps ATM, 270 Mbps digital video, 4/16 Mbps Token Ring, 100 Mbps TP-PMD, Supports10BASE-T Ethernet, 100BASE-TX Fast Ethernet, Supports 1000BASE-T Gigabit Ethernet, and Broadband video,100mbps TPDDI, ISDN Broadband video, ISDN

Product Features :

- Aesthetic, contemporary design.
- Shuttered outlets/ports.
- High Technology produce low insertion loss of PC Board.
- Powder-coated metal framework.
- Universal colour-coding for 568A and 568B standard.
- Removable reaqr cable management tray
- Compatible with standard 19" equipment frames.
- IDC termination using standard with Krone and 110 style tools.
- Fully compliant to AS/NZS 3080:2003, ISO/IEC 11801 Edition 2 2002 and ANSI/TIA/EIA-568-B. Series Connectiong Hardware Standards.

Customer Benefits :

- Contemporary design will improve the aesthetics of all installation.
- Outlet shutters protect the contact pins from dust ingress, insect infestation and the insertion of foreige objects.
- Better than Category 6 Performance.
- Complete with all mounting and cable fixing hardware.
- Rear cable management tray is supplied loose, allowing the install to fit after termination.
- The front labeling system provides a clear and effcient means of identifying circuits.
- Powder coated metal frame is robust and protects the patch panel from corrosion and scratching.
- Comliance with international standards gives the customer peace of mind that their network will perform to link, channel and applicationrequirements.
- Industry leading Lifetime Warranty - unique to the market!

Electrical Characteristics :

Dielectric Strength	:	1,000V RMS at 60Hz for 1minute
Current Rating	:	1.5Amp maximum
Insulation Resistance	:	200M-Ohm minimum
Contack 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		

PART NO.	DESCRIPTION
C62003	CAT6 Patch Panel 24 Ports Non-Shutter , 1U
C62004	CAT6 Patch Panel 48 Ports Non-Shutter , 1U
C62005	CAT6 Patch Panel 48 Ports Non-Shutter, 2U
C62002	CAT6 Patch Panel 24 Ports Shutter,Modular Jack with Tool-Less , 1U

Technical Specifications :

Frequency	INSERTION LOSS	NEXT	FEXT	RETURN LOSS
MHz	dB	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