



Enhanced CAT 5 Patch Panel



Clipsal Connect Enhanced Cat 5 Patch Panel



DESCRIPTION

The Clipsal Connect Enhanced Category 5 Patch Panels 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, 48, 72 and 96 channel versions.

The cable termination is provided by the popular 110 Insulation Displacement Contact (IDC). Labeling is provided on both front and rear for easy identification. The product is designed to be mounted on a 19-inch rack.

PRODUCT FEATURES AND BENEFITS

- 110 IDC Termination
- Rear Cable management
- 6 Port Modularity for easy 25 pair cable termination
- Labeling on both front and rear

DIMENSION

For 1 U Panel

Shipping Box 80mm(H) x 510mm(W) x 60mm(D)

Shipping Weight 690g

TECHNICAL SPECIFICATIONS

Attenuation (dB)	Product Specification	Enhanced Category 5
@1MHz	0.1	0.1
@16MHz	0.2	0.2
@31.25MHz	0.2	0.2
@62.5MHz	0.3	0.3
@100MHz	0.4	0.4
Crosstalk (dB)		
@1MHz	65.0	65.0
@16MHz	58.9	58.9
@31.25MHz	53.1	53.1
@62.5MHz	47.1	47.1
@100MHz	43.0	43.0
Return Loss (dB)		
@1MHz	35.0	35.0
@16MHz	35.0	35.0
@31.25MHz	30.0	30.0
@62.5MHz	24.1	24.1
@100MHz	20.0	20.0

Mechanical Characteristics

Panel

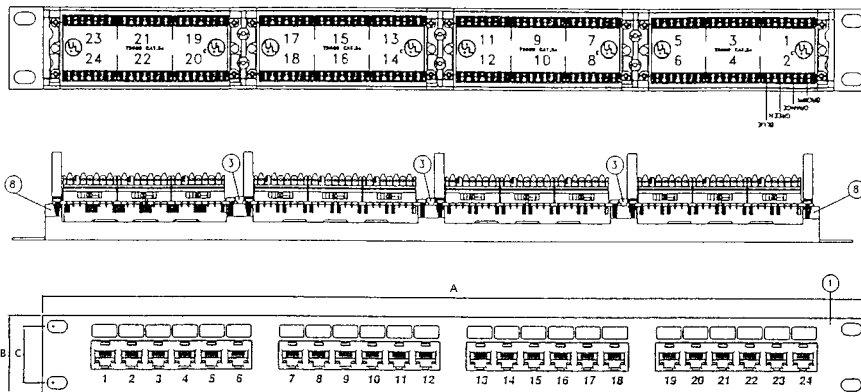
Material	Metal
Thickness	1.5mm
Coating	Black

Jack Connector

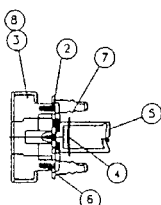
Operating life	20 years
Contact material	Meet FCC
Contact plating	50μ inches
Body material	ABS / PVC
Approvals	UL

IDC Connector

Plastic Housing	PC
Operating life	20 years
Contact material	Meet FCC
Contact plating	50μ inches
Wire Accommodation	All E Cat 5 cable
Termination Tools	Standard



KEY TO DIAGRAMS	QTY.	Description	Remark
1 Support	2	ABS	24, 48, 72, 96 Port
2 PCB (P=2.04)	4-16	FR-4	CAT. 5e
3 Screw (V35)	16-64	SAE1010	TP3.8(+)
4 Cable Holder	5-20	Nylon 66	-
5 Maintain Wire Twist to Connection Point	4-16	Paper	CAT. 5e
6 Patch Panel Rack	3	ABS	24, 48, 72, 96 Port
7 110D4 Block	24-96	PC	-
8 Patch Panel Plate	1	SAE1010	24, 48, 72, 96 Port



	24 Ports	48 Ports	72 Ports	96 Ports
A	19" 482.60mm	19" 482.60mm	19" 482.60mm	19" 482.60mm
B	1.75" 44.45mm	3.475" 88.26mm	5.225" 132.72mm	6.975" 177.17mm
C	1.25" 31.75mm	3.00" 76.20mm	2.25" 57.15mm	4.00" 101.60mm

CATALOGUE NO.	DESCRIPTION
RJ5E110/12PPCC	1 U 12 port patch panel
RJ5E110/24PPCC	1 U 24 port patch panel
RJ5E110/48PPCC	1 U 48 port patch panel
RJ5E110/72PPCC	1 U 72 port patch panel
RJ5E110/96PPCC	1 U 96 port patch panel

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