

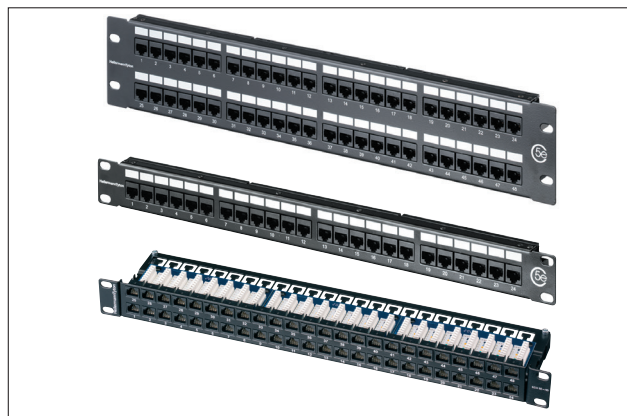


Universal Category 5e

1U 48 Port, 2U 48 Port and 1U 48 Port

Application/Product Description

Category 5e Universal Patch Panels are designed to support Ethernet 10BASE-T, 100BASE-T (Fast Ethernet), 155 Mb/s ATM, Token Ring 4/16, voice/data systems and Voice over Internet Protocol (VoIP) systems running over a Category 5e cabling system and is backwards compatible with existing Category 5 and voice network infrastructures.



2U 48 Port, 1U 24 Port and 1U 48 Port Universal Patch Panels

Technical Data

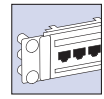
Specification	Category 5e								
Conformance	- ISO 11801:2002 (inc. Amend. A1 & A2) - BS EN 50173 - ANSI/TIA/EIA 568-C.2								
Wiring Specification	568A/B								
Port Density	1U 24 Port			1U 48 Port			2U 48 Port		
Dimensions (mm)	H	W	D	H	W	D	H	W	D
	44.0	483.0	34.0	44.0	483.0	131.0	88.0	483.0	29.0
Panel Weight (g)	614			1408			1096		
Outlet Style	RJ45								
RJ45 Jack Life	Minimum Insertions 1000								
Punch Down Blocks	IDC								
IDC Life	Minimum 50 re-terminations								
Wire Gauge	22-26 AWG (Maximum of 2 wires per contact).								

Material	
Panel	Mild Steel, Black Powder Coated
Modular Jack Housing	Polybutylene
Contacts	ABS/Selected Gold Plate

Performance Characteristics

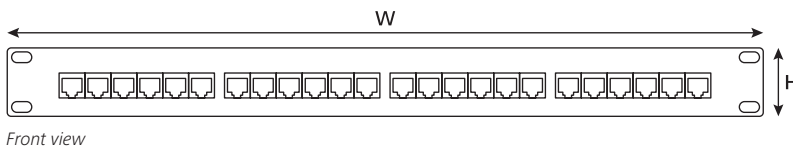
Frequency (MHz)		1	10	100
Insertion Loss	Spec	3.0	6.2	21.0
	Typical	1.9	5.6	18.3
NEXT (dB)	Spec	60.0	48.5	32.3
	Typical	83.9	70.3	51.8
ACR-N (dB)	Spec	57.0	42.3	11.3
	Typical	82.0	64.7	33.5
Return Loss (dB)	Spec	19.0	19.0	12.0
	Typical	28.6	32.8	26.3
PS NEXT (dB)	Spec	57.0	45.5	29.3
	Typical	78.5	64.9	46.1
PS ACR-N (dB)	Spec	54.0	39.3	8.3
	Typical	76.6	59.3	27.8
ACR-F (dB)	Spec	58.6	38.6	18.6
	Typical	74.4	55.1	37.3
PS ACR-F (dB)	Spec	55.6	35.6	15.6
	Typical	67.9	48.3	31.8

*Typical values are for permanent link tests when using the complete HellermannTyton Data System.

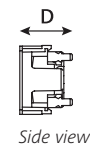


Technical Diagrams

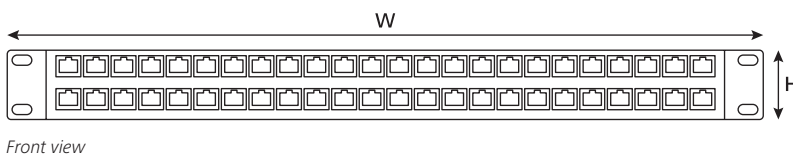
1U 24 Port



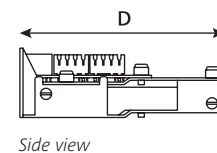
Top view



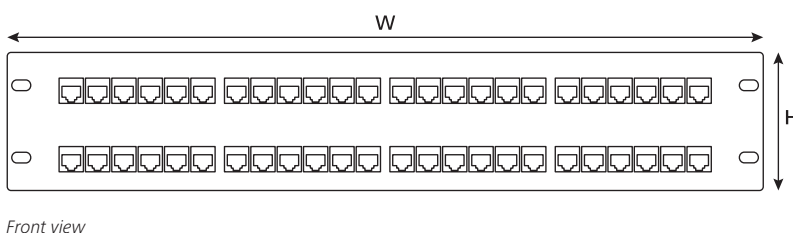
1U 48 Port



Top view



2U 48 Port



Top view

