



Category 6A

1U 24 Port Fixed and Sliding Panels

Application/Product Description

Category 6A Deca¹⁰ Patch Panels are designed to support Ethernet 10BASE-T, 100BASE-T (fast Ethernet), 1000BASE-T (Gigabit Ethernet), 10GBASE-T (10 Gigabit Ethernet), 155 Mb/s ATM, Token Ring 4/16, voice/data systems and Voice over Internet Protocol (VoIP) systems running over a Category 6A cabling system and is backwards compatible with existing Category 6, Category 5e, Category 5 and voice network infrastructures.



Category 6A Fixed and Sliding Patch Panels

Technical Data

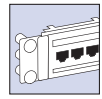
Specification	Category 6A					
Conformance	<ul style="list-style-type: none"> ISO 11801:2002 (inc. Amend. A1 & A2) BS EN 50173 ANSI/TIA/EIA 568-C.2 					
Wiring Specification	568A/B					
Port Density	1U 24 Port Fixed Panel			1U 24 Port Sliding Panel		
Dimensions (mm)	H	W	D	H	W	D
	44.0	483.0	85.0	44.0	483.0	192.0
Panel Weight (g)	930			1416		
Outlet Style	RJ45					
RJ45 Jack Life	Minimum Insertions 1000					
Punch Down Blocks	IDC					

Material	
Panel	Mild Steel, Galvanised Mild Steel
Modular Jack Housing	Polybutylene
Contacts	ABS/Selected Gold Plate

Performance Characteristics

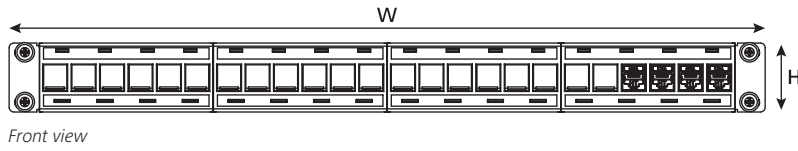
Frequency (MHz)		1	250	500
Insertion Loss	Spec	3.0	29.5	43.8
	Typical	2.3	28.5	41.5
NEXT (dB)	Spec	65.0	35.3	26.7
	Typical	87.0	46.8	40.4
ACR-N (dB)	Spec	62.0	5.8	-17.1
	Typical	84.7	18.3	-1.3
Return Loss (dB)	Spec	19.1	10.0	8.0
	Typical	27.6	24.1	18.8
PS NEXT (dB)	Spec	62.0	32.7	23.8
	Typical	81.1	41.5	34.1
PS ACR-N (dB)	Spec	59.0	3.2	-20.0
	Typical	78.8	13.1	-7.5
ACR-F (dB)	Spec	64.2	16.2	10.2
	Typical	82.9	41.8	32.1
PS ACR-F (dB)	Spec	61.2	13.2	7.2
	Typical	77.1	35.4	25.8

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

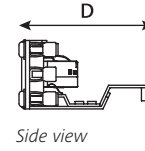


Technical Diagrams

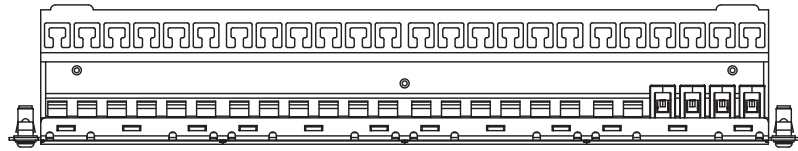
1U 24 Port Fixed



Front view

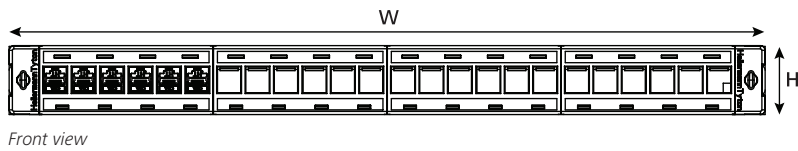


Side view

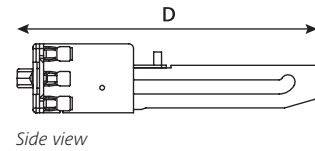


Top view

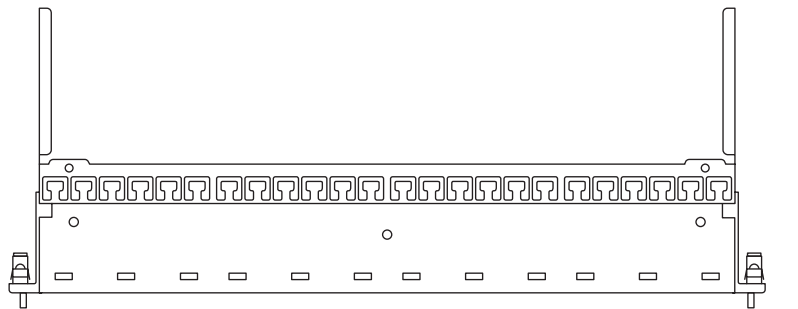
1U 24 Port Sliding



Front view



Side view



Top view

This document is subject to change without notice.
The current version available from www.htdata.co.uk/site/products/patch-panels

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HT-DS-CAT-6A-PANEL-R10