



## Universal Category 5e Vertical

1U 24 Port

### Application/Product Description

Category 5e Universal Vertical Patch Panel is 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.



Universal Category 5e Patch Panels

### Technical Data

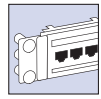
<b>Specification</b>	Category 5e		
<b>Conformance</b>	<ul style="list-style-type: none"> <li>• ISO 11801:2002 (inc. Amend. A1 &amp; A2)</li> <li>• BS EN 50173</li> <li>• ANSI/TIA/EIA 568-C.2</li> </ul>		
<b>Wiring Specification</b>	568A/B		
<b>Port Density</b>	12 Port Vertical		
<b>Dimensions (mm)</b>	H	W	D
	85.0	255.0	47.0
<b>Panel Weight (g)</b>	480		
<b>Outlet Style</b>	RJ45		
<b>RJ45 Jack Life</b>	Minimum Insertions 1000		
<b>Punch Down Blocks</b>	IDC		
<b>IDC Life</b>	Minimum 50 re-terminations		
<b>Wire Gauge</b>	22-26 AWG (Maximum of 2 wires per contact)		

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

### Performance Characteristics

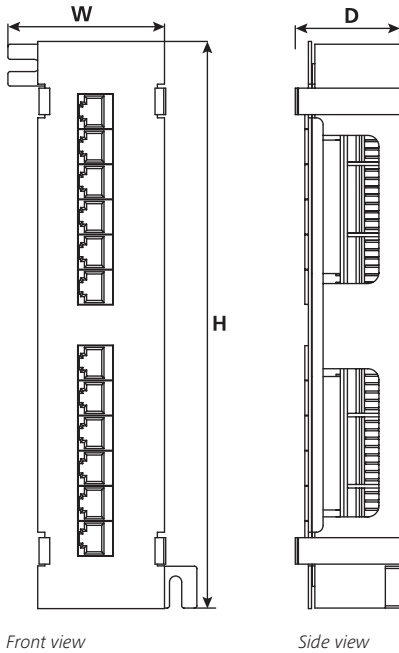
Frequency (MHz)		1	10	100
Insertion Loss	Spec	3.0	6.2	21.0
	Typical	1.9	5.6	18.3
NEXT (dB)	Spec	60.0	48.5	32.3
	Typical	83.9	70.3	51.8
ACR-N (dB)	Spec	57.0	42.3	11.3
	Typical	82.0	64.7	33.5
Return Loss (dB)	Spec	19.0	19.0	12.0
	Typical	28.6	32.8	26.3
PS NEXT (dB)	Spec	57.0	45.5	29.3
	Typical	78.5	64.9	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.



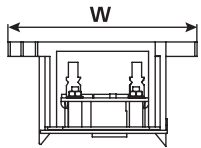
**Technical Diagrams**

Vertical 12 Port



Front view

Side view



Top view

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The current version available from [www.htdata.co.uk/site/products/patch-panels](http://www.htdata.co.uk/site/products/patch-panels)

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