



### Global Category 6

#### 1U 24 Port and 2U 48 Port Angled

#### Application/Product Description

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



Global Category 6 Angled Patch Panels

#### Technical Data

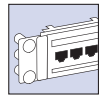
<b>Specification</b>	Category 6							
<b>Conformance</b>	<ul style="list-style-type: none"> <li>ISO 11801:2002 (inc. Amend. A1 &amp; A2)</li> <li>BS EN 50173</li> <li>ANSI/TIA/EIA 568-C.2</li> </ul>							
<b>Wiring Specification</b>	568A/B							
<b>Port Density</b>	1U 24 Port Angled				2U 48 Port Angled			
<b>Dimensions (mm)</b>	H	W	D1	D	H	W	D1	D
	44	483	31	107	88	483	31	107
<b>Panel Weight (g)</b>	567				1134			
<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

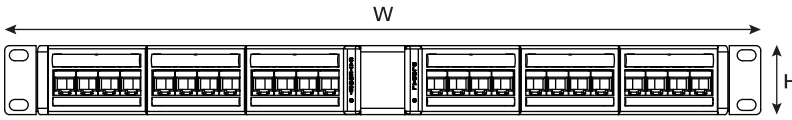
Frequency (MHz)		1	100	250
Insertion Loss	Spec	3.0	18.6	31.1
	Typical	1.5	16.7	27.5
NEXT (dB)	Spec	65.0	41.8	35.3
	Typical	88.6	61.3	53.2
ACR-N (dB)	Spec	62.0	23.3	4.2
	Typical	87.1	44.6	25.7
Return Loss (dB)	Spec	19.1	14.0	10.0
	Typical	26.1	27.7	20.0
PS NEXT (dB)	Spec	62.0	39.3	32.7
	Typical	82.8	55.9	47.8
PS ACR-N (dB)	Spec	59.0	20.7	1.6
	Typical	81.3	39.2	20.3
ACR-F (dB)	Spec	64.2	24.2	16.2
	Typical	81.1	41.2	37.7
PS ACR-F (dB)	Spec	61.2	21.2	13.2
	Typical	75.9	36.2	31.2

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

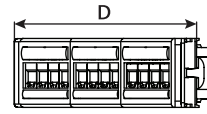


### Technical Diagrams

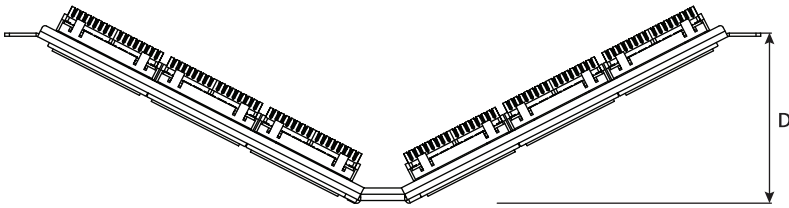
1U 24 Port Angled



Front view

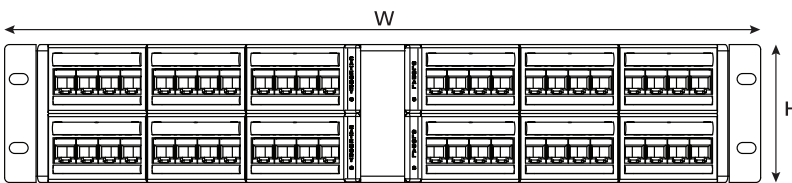


Side view

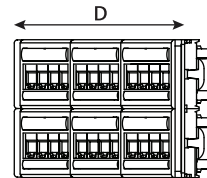


Top view

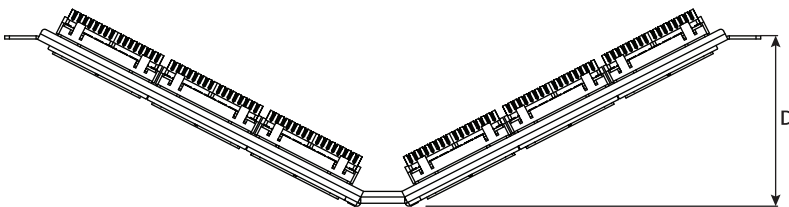
2U 48 Port Angled



Front view



Side view



Top view