



6

LAN Connectivity

Patch Panels

HellermannTyton

Universal Category 6 Vertical

12 Port

Application/Product Description

Category 6 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 6 cabling system and is backwards compatible with existing Category 5e, Category 5 and voice network infrastructures.



Universal Category 6 Patch Panels

Technical Data

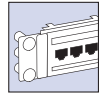
Specification	Category 6		
Conformance	- ISO 11801:2002 (inc. Amend. A1 & A2) - BS EN 50173 - ANSI/TIA/EIA 568-C.2		
Wiring Specification	568A/B		
Port Density	12 Port Vertical		
Dimensions (mm)	H	W	D
	85.0	255.0	47.0
Panel Weight (g)	480		
Outlet Style	RJ45		
RJ45 Jack Life	Minimum Insertions 1000		
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

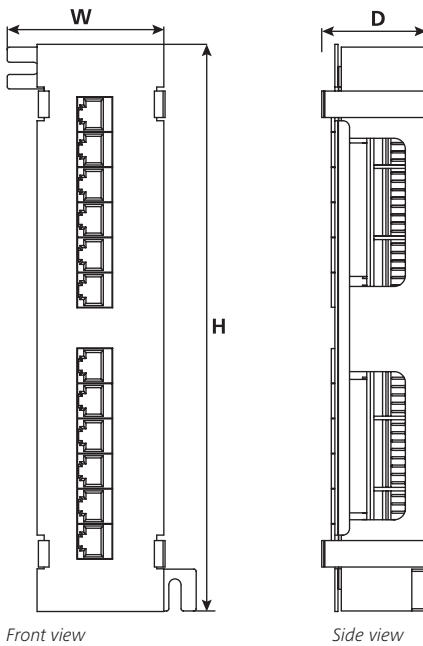
Performance Characteristics

Frequency (MHz)		1	100	250
Insertion Loss	Spec	3.0	18.6	31.1
	Typical	1.6	16.7	27.8
NEXT (dB)	Spec	65.0	41.8	35.3
	Typical	88.8	60.2	49.9
ACR-N (dB)	Spec	62.0	23.3	4.2
	Typical	87.2	43.5	22.2
Return Loss (dB)	Spec	19.1	14.0	10.0
	Typical	27.9	23.2	16.1
PS NEXT (dB)	Spec	62.0	39.3	32.7
	Typical	83.3	54.7	44.3
PS ACR-N (dB)	Spec	59.0	20.7	1.6
	Typical	81.7	38.0	16.5
ACR-F (dB)	Spec	64.2	24.2	16.2
	Typical	81.6	41.7	38.2
PS ACR-F (dB)	Spec	61.2	21.2	13.2
	Typical	76.5	36.6	31.5

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

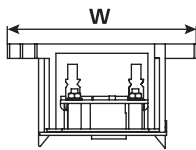
**Technical Diagrams**

Vertical 12 Port



Front view

Side view



Top view