



## MegaBand Category 5e UTP

### Single Outlet

#### Application/Product Description

MegaBand Category 5e single outlet 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.



MegaBand Category 5e UTP Single Outlet

#### Technical Data

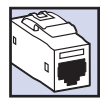
<b>Specification</b>	Category 5e		
<b>Conformance</b>	<ul style="list-style-type: none"> <li>ISO 11801:2002 (inc. Amend. A1 &amp; A2)</li> <li>BS EN 50173</li> <li>ANSI/TIA/EIA 568-C.2</li> </ul>		
<b>Wiring Specification</b>	568A/B		
<b>Dimensions (mm)</b>	H	W	D
	50.0	25.0	24.0
<b>Weight (g)</b>	12		
<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>	22-24 AWG (Maximum of 2 wires per contact).		

<b>Material</b>	
Modular Jack Housing	ABS
Housing Colour	White
Contacts	Phosphor Bronze Nickel Plated with Selective Gold

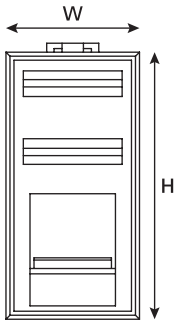
#### Performance Characteristics

Frequency (MHz)		1	10	100
Insertion Loss	Spec	3.0	6.2	21.0
	Typical	1.9	5.6	18.1
NEXT (dB)	Spec	60.0	48.5	32.3
	Typical	91.1	66.7	49.8
ACR-N (dB)	Spec	57.0	42.3	11.3
	Typical	89.2	61.1	31.7
Return Loss (dB)	Spec	19.0	19.0	12.0
	Typical	29.7	35.3	34.5
PS NEXT (dB)	Spec	57.0	45.5	29.3
	Typical	85.1	61.0	43.8
PS ACR-N (dB)	Spec	54.0	39.3	8.3
	Typical	83.2	55.5	25.8
ACR-F (dB)	Spec	58.6	38.6	18.6
	Typical	73.2	53.7	36.2
PS ACR-F (dB)	Spec	55.6	35.6	15.6
	Typical	67.0	47.6	30.4

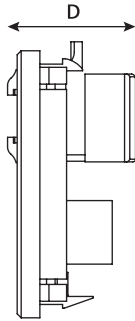
\*Typical values are for permanent link tests when using the complete HellermannTyton Data System.



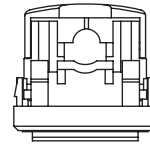
Technical Diagrams



Front view



Side view



Top view