



## Alpha Snap Category 5e UTP

### Jack to Jack Outlet

#### Application/Product Description

The Alpha Snap Category 5e jack to Jack 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.



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#### Technical Data

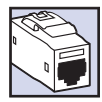
<b>Specification</b>	Category 5e		
<b>Conformance</b>	<ul style="list-style-type: none"> <li>ISO 11801:2002 (inc. Amend. A1 &amp; A2)</li> <li>BS EN 50173</li> <li>ANSI/TIA/EIA 568-C.2</li> </ul>		
<b>Wiring Specification</b>	568A/B		
<b>Dimensions (mm)</b>	H	W	D
	50.0	25.0	38.0
<b>Weight (g)</b>	20		
<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

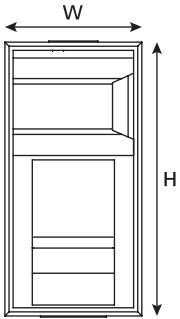
#### Performance Characteristics

Frequency (MHz)		1	10	100
Insertion Loss	Spec	3.0	6.2	21.0
	Typical	0.1	0.0	0.2
NEXT (dB)	Spec	60.0	48.5	32.3
	Typical	85.9	71.8	50.6
ACR-N (dB)	Spec	57.0	42.3	11.3
	Typical	85.8	71.8	50.4
Return Loss (dB)	Spec	19.0	19.0	12.0
	Typical	27.0	27.6	30.8
PS NEXT (dB)	Spec	57.0	45.5	29.3
	Typical	81.1	66.2	45.1
PS ACR-N (dB)	Spec	54.0	39.3	8.3
	Typical	81.0	66.2	44.8
ACR-F (dB)	Spec	58.6	38.6	18.6
	Typical	80.0	62.7	42.9
PS ACR-F (dB)	Spec	55.6	35.6	15.6
	Typical	74.9	56.7	36.7

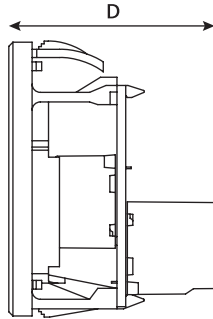
\*Typical values are for permanent link tests when using the complete HellermannTyton Data System.



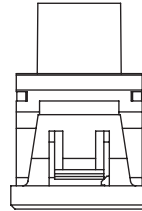
Technical Diagrams



Front view



Side view



Top view