

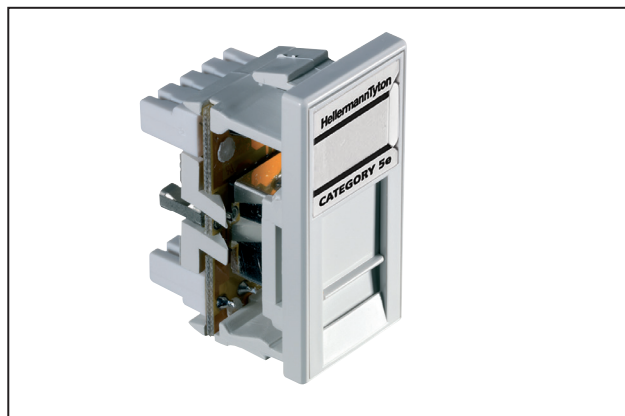


Alpha Snap Category 5e STP

Single Outlet

Application/Product Description

The Alpha Snap Category 5e shielded single outlets are 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.



Alpha Snap Category 5e STP Single Outlet

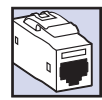


Alpha Snap Category 5e STP Single Coloured Outlets

Technical Data

Specification	Category 5e		
Conformance	<ul style="list-style-type: none"> • ISO 11801:2002 (inc. Amend. A1 & A2) • BS EN 50173 • ANSI/TIA/EIA 568-C.2 		
Wiring Specification	568A/B		
Dimensions (mm)	H	W	D
	50.0	25.0	34.0
Weight (g)	20		
Outlet Style	RJ45		
RJ45 Jack Life	Minimum Insertions 1000		
Punch Down Blocks	IDC		
IDC Life	Minimum 50 re-terminations		
Wire Gauge	22-24 AWG (Maximum of 2 wires per contact).		

Material					
Modular Jack Housing	ABS				
Housing Colour	White	Black	Blue	Green	Red
Contacts	Phosphor Bronze Nickel Plated with Selective Gold				

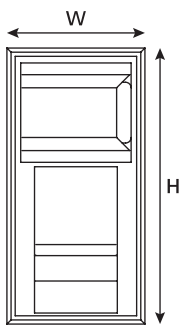


Performance Characteristics

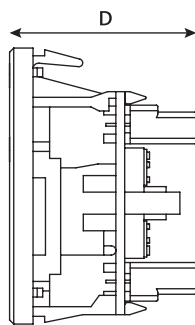
Frequency (MHz)		1	10	100
Insertion Loss	Spec	3.0	6.2	21.0
	Typical	1.9	5.6	18.3
NEXT (dB)	Spec	60.0	48.5	32.3
	Typical	85.1	71.7	53.7
ACR-N (dB)	Spec	57.0	42.3	11.3
	Typical	83.2	66.1	35.5
Return Loss (dB)	Spec	19.0	19.0	12.0
	Typical	28.4	34.0	35.4
PS NEXT (dB)	Spec	57.0	45.5	29.3
	Typical	80.0	66.2	47.6
PS ACR-N (dB)	Spec	54.0	39.3	8.3
	Typical	78.1	60.6	29.3
ACR-F (dB)	Spec	58.6	38.6	18.6
	Typical	74.3	54.9	36.9
PS ACR-F (dB)	Spec	55.6	35.6	15.6
	Typical	68.0	48.3	31.6

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

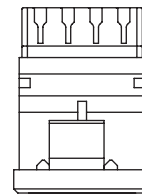
Technical Diagrams



Front view



Side view



Top view