



6C Category 5e UTP

Single Outlet

Application/Product Description

The 6C Category 5e 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.



6C Category 5e UTP Single Outlet

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
	39.0	25.0	34.0
Weight (g)	14		
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
Contacts	Phosphor Bronze Nickel Plated with Selective Gold

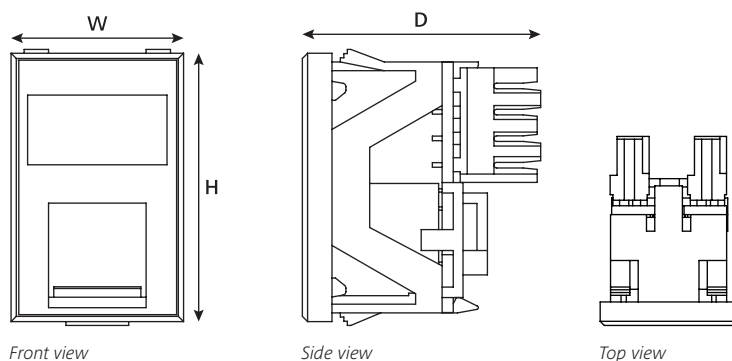
Performance Characteristics

Frequency (MHz)		1	10	100
Insertion Loss	Spec	3.0	6.2	21.0
	Typical	1.9	5.6	18.2
NEXT (dB)	Spec	60.0	48.5	32.3
	Typical	84.5	69.4	49.8
ACR-N (dB)	Spec	57.0	42.3	11.3
	Typical	82.6	63.8	31.6
Return Loss (dB)	Spec	19.0	19.0	12.0
	Typical	28.0	33.0	30.1
PS NEXT (dB)	Spec	57.0	45.5	29.3
	Typical	79.2	63.5	44.2
PS ACR-N (dB)	Spec	54.0	39.3	8.3
	Typical	77.3	57.9	25.9
ACR-F (dB)	Spec	58.6	38.6	18.6
	Typical	73.1	53.2	36.9
PS ACR-F (dB)	Spec	55.6	35.6	15.6
	Typical	67.2	47.4	31.5

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



Technical Diagrams



6C Accessories

6C Blanks



6C Category Half Blanks

Technical Data

Style	Half Blank		
Dimensions (mm)	H	W	D
	38	25	11
Weight (g)	2.8		
Material	ABS		
Colour	White		

Angled Module



6C Category Angled Module

Technical Data

Dimensions (mm)	H	W	D
	38	25	20
Weight (g)	5.7		
Material	ABS		
Colour	White		

Adaptor Module



6C Category Angled Module

Technical Data

Dimensions (mm)	H	W	D
	50.0	50.0	8.0
Weight (g)	3.7		
Material	ABS		
Colour	White		

This document is subject to change without notice.
The current version available from www.htdata.co.uk/site/products/data-outlets