

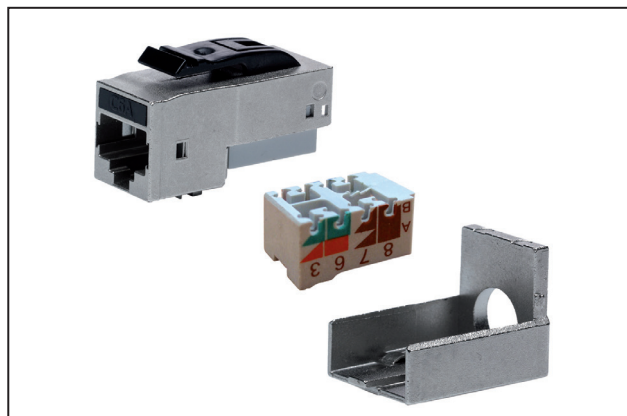


Category 6A Shielded

Keystone Jack

Application/Product Description

Category 6A Deca10 outlets are designed to support Ethernet 10BASE-T, 100BASE-T (fast Ethernet), 1000BASE-T (Gigabit Ethernet), 10GBASE-T (10 Gigabit Ethernet), 155 Mb/s ATM, Token Ring 4/16, voice/data systems and Voice over Internet Protocol (VoIP) systems running over a Category 6A cabling system and is backwards compatible with existing Category 6, Category 5e, Category 5 and voice network infrastructures.



Category 6A Keystone Jack

Technical Data

Specification	Category 6A		
Conformance	- 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
	23.0	16.0	36.0
Weight (g)	26		
Outlet Style	RJ45		
RJ45 Jack Life	Minimum Insertions 1000		
Punch Down Blocks	IDC (No punchdown tool required)		
IDC Life	Minimum 50 re-terminations		
Wire Gauge	22-24 AWG (Maximum of 2 wires per contact).		

Material	
Modular Jack Housing	Nickel
Housing Colour	Mill Finish
Contacts	Phosphor Bronze Nickel Plated with Selective Gold

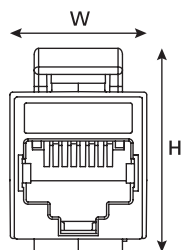
Performance Characteristics

Frequency (MHz)		1	250	500
Insertion Loss	Spec	3.0	29.5	43.8
	Typical	2.3	28.5	41.5
NEXT (dB)	Spec	65.0	35.3	26.7
	Typical	87.0	46.8	40.4
ACR-N (dB)	Spec	62.0	5.8	-17.1
	Typical	84.7	18.3	-1.3
Return Loss (dB)	Spec	19.1	10.0	8.0
	Typical	27.6	24.1	18.8
PS NEXT (dB)	Spec	62.0	32.7	23.8
	Typical	81.1	41.5	34.1
PS ACR-N (dB)	Spec	59.0	3.2	-20.0
	Typical	78.8	13.1	-7.5
ACR-F (dB)	Spec	64.2	16.2	10.2
	Typical	82.9	41.8	32.1
PS ACR-F (dB)	Spec	61.2	13.2	7.2
	Typical	77.1	35.4	25.8

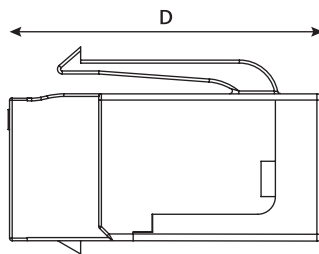
*Typical values are for permanent link tests when using the complete HellermannTyton Data System.



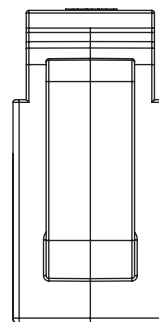
Technical Diagrams



Front view



Side view



Top view