



GST Category 5e UTP

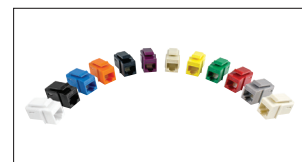
Keystone Jack

Application/Product Description

The Category 5e GST unshielded Keystone Jacks 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.



Category 5e UTP GST Jack in Black

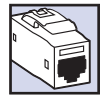


Range of 12 GST Jack Colours

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
	23.3	16.5	38.0
Weight (g)	6		
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	Polycarbonate											
Housing Colour	White	Black	Blue	Brown	Green	Grey	Ivory	Office White	Orange	Red	Violet	Yellow
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	2.0	5.3	17.2
NEXT (dB)	Spec	60.0	48.5	32.3
	Typical	82.9	71.4	52.3
ACR-N (dB)	Spec	57.0	42.3	11.3
	Typical	80.9	66.0	35.1
Return Loss (dB)	Spec	19.0	19.0	12.0
	Typical	25.7	43.6	34.2
PS NEXT (dB)	Spec	57.0	45.5	29.3
	Typical	77.3	65.4	46.6
PS ACR-N (dB)	Spec	54.0	39.3	8.3
	Typical	75.3	60.1	29.5
ACR-F (dB)	Spec	58.6	38.6	18.6
	Typical	78.9	60.2	41.2
PS ACR-F (dB)	Spec	55.6	35.6	15.6
	Typical	73.3	54.1	35.4

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

Technical Diagrams

