

Category 6a FTP Keystone Jack



KJ-I 202-09

Applications

Shielded Cat6a Keystone Jack for B3 Internationals Faceplates, Surface mount Boxes and Snap-In Panels, The Keystone jacks can be terminated with B3 International termination tool KJT-0000 or by regular punch down tool. Suitable for Local Area Networks, Data Centre and Video Applications delivering 1000base-t Gigabit Ethernet, 100BASE-TX Fast Ethernet, 622 Mbps ATM, 155 Mbps ATM and Composite Video.

Product Picture



Environmental Conditions

Relative Humidity (Operational)	Temperature	
	Storage	Operational
Maximum Non Condensing 93%	-40 to +70°C	-10 to +60°C

Electrical Characteristics

Electrical Insulation Resistance	Dielectric Withstanding Voltage	Contact Resistance	
		Spring Wire	IDC
Min. 500 MΩ at 100Vd.c.	1000V RMS 60Hz for 1 minute	Max. 20mΩ	Max. 2.5mΩ

Mechanical Characteristics

Retention	Insertion/Extraction Life	IDC Wire Gauge	Wiring Scheme
50N for 60s±5s	Min. 750 Cycles	22-24AWG	Labelled T568A & T568B

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Physical Characteristics

Housing	Spring Wire	IDC
Zinc Alloy Fully Shielded	Phosphor Bronze Alloy plated with 50 μ Inch of Gold	Phosphor Bronze Alloy with 100 μ Inch of Sn Alloy

Typical Performance Test Data

Frequency (MHz)	Min. Return Loss (dB)	Max. Insertion Loss (dB)	Min. NEXT (dB)
1	30.0	0.10	75.0
4	30.0	0.10	75.0
8	30.0	0.10	75.0
10	30.0	0.10	74.0
16	30.0	0.10	69.9
20	30.0	0.10	68.0
25	30.0	0.10	66.0
31.25	30.0	0.11	64.1
62.5	28.1	0.16	58.1
100	24.0	0.20	54.0
200	18.0	0.28	48.0
250	16.0	0.32	46.0
300	18.5	0.35	42.9
400	16.0	0.40	37.9
500	14.0	0.45	34.0

Reference Standards

ISO/IEC 11801
ANSI/TIA/EIA-568-C2 Connecting Category 6A connecting Hardware
EN50173-1
UL94V-0
IEC 60603-7-51
UL1863
RoHS directives