

Category 6 Toolless UTP Keystone Jack



KJ-1116-09

Applications

Unshielded Cat6 Keystone Jack for B3 international Faceplates, Surface mount Boxes and Snap-In Panels. 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	T568A & T568B

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Physical Characteristics

Housing	Spring Wire	IDC
High-Impact, Flame-Retardant Plastic	Phosphor Bronze Alloy plated with 50µ Inch of Gold	Phosphor Bronze Alloy with 100µ 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

Reference Standards

ISO/IEC 11801
ANSI/TIA/EIA-568-C2 Connecting Category 6 connecting Hardware
EN50173-1
UL94V-0
IEC 60603-7-5
UL1863
RoHS directives

Ordering Information

Partnumber	Description
KJ-1116-09	Keystone jack Cat6, UTP, 180 degree, White
KJ-1116-00	Keystone jack Cat6, UTP, 180 degree, Black
KJ-1116-24	Keystone jack Cat6, UTP, 180 degree, Yellow
KJ-1116-25	Keystone jack Cat6, UTP, 180 degree, Green
KJ-1116-22	Keystone jack Cat6, UTP, 180 degree, Red
KJ-1116-26	Keystone jack Cat6, UTP, 180 degree, Blue

*White is B3 International Standard Colour