MAIN STRUCTURE

DESCRIPTION

INSHEILD CAT6 keystone jack surpassed all CAT6 performance requirements, comply with Gigabit Ethernet application system, suitable for connection between FD to the outlet of the work area, providing up to 350Mhz available bandwidth.
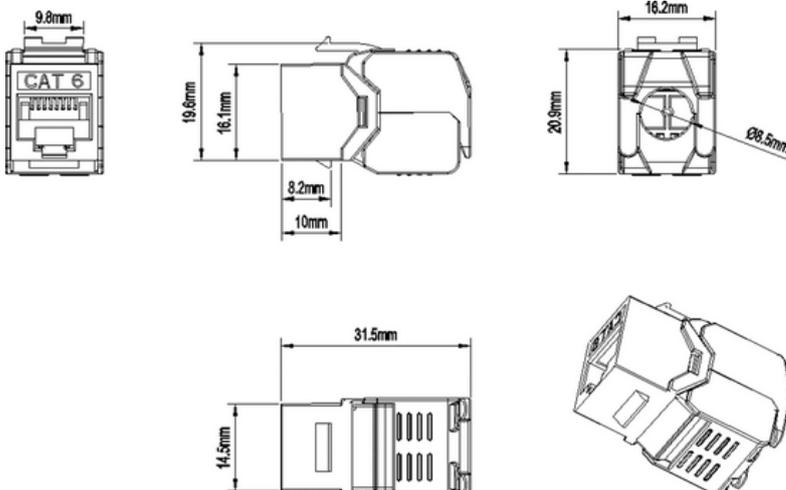
PRODUCT CLASSIFICATION

Make	Insheild
Regional Availability	Middle East
Product Type	Cat6 Unshielded Keystone Jacks

APPLICATION

- Available in Cat6, T568A/Bwiring, meet or exceed TIA/EIACat6 requirements
- Housing : high temperature thermoplastic
- Compact jack design, 8 positions and 8 conductors
- Contact : phosphor bronze , phosphor bronze with 15µ", 30µ" or 50µ" gold plate can be selected
- Accept 23-26AWG solid cable
- Easy to be terminated, low attenuation loss and high return loss
- High reliability and superior performance

PRODUCT DIMENSION

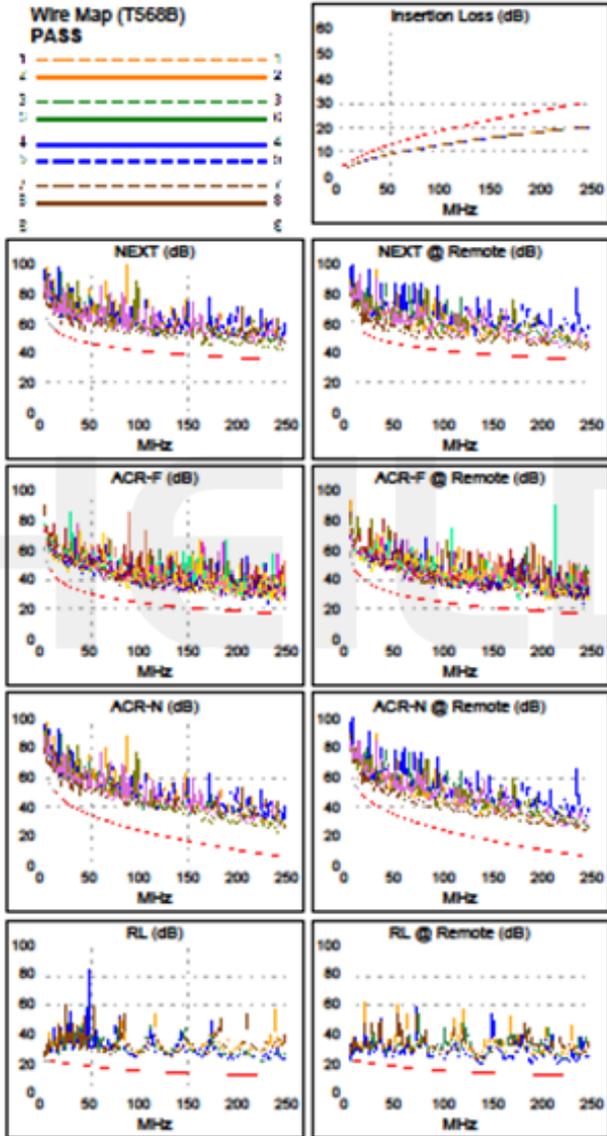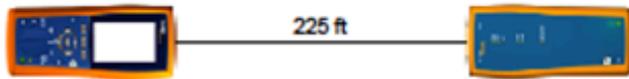| Description	Parameter
Contact resistance(max)	20mΩ
Insulation resistance(min)	500MΩ
Return loss(dB)	4.8dB

Cable ID: LKC109-C6U
Test Summary: PASS

Date / Time: 12/28/2017 09:57:05 AM
Headroom 4.5 dB (NEXT 36-45)
Test Limit: ISO11801 PL Class E
Cable Type: Cat 6 U/UTP

Operator: Your Name
Software Version: 2.7800
Limits Version: 1.9500
NVP: 69.0%

Model: DTX-1800
Main S/N: 1342547
Remote S/N: 1342548
Main Adapter: DTX-PLA002
Remote Adapter: DTX-PLA002

Length (ft)	[Pair 45]	225
Prop. Delay (ns), Limit 498	[Pair 12]	347
Delay Skew (ns), Limit 44	[Pair 12]	15
Resistance (ohms), Limit 21.0	[Pair 12]	10.1
Insertion Loss Margin (dB)	[Pair 45]	10.0
Frequency (MHz)	[Pair 45]	249.5
Limit (dB)	[Pair 45]	30.6

Wire Map (TS68B) PASS

Insertion Loss (dB)

PASS	MAIN	SR	MAIN	SR
	Worst Case Margin		Worst Case Value	
Worst Pair	36-45	36-45	36-78	36-45
NEXT (dB)	6.1	4.5	6.2	7.4
Freq. (MHz)	18.0	26.9	241.5	245.0
Limit (dB)	53.8	51.0	35.6	35.5
Worst Pair	36	36	36	36
PS NEXT (dB)	7.3	6.0	7.3	7.3
Freq. (MHz)	245.0	27.0	245.0	249.0
Limit (dB)	32.9	48.6	32.9	32.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	78-12	12-78
ACR-F (dB)	5.1	5.5	5.1	5.5
Freq. (MHz)	243.0	243.0	243.0	243.0
Limit (dB)	16.5	16.5	16.5	16.5
Worst Pair	78	78	12	78
PS ACR-F (dB)	7.3	7.5	7.4	7.5
Freq. (MHz)	232.5	242.5	242.5	242.5
Limit (dB)	13.9	13.5	13.5	13.5

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	36-45
ACR-N (dB)	8.5	7.4	16.6	17.4
Freq. (MHz)	18.0	26.9	244.5	245.0
Limit (dB)	46.3	41.8	5.2	5.2
Worst Pair	45	36	36	36
PS ACR-N (dB)	10.4	9.0	17.5	17.7
Freq. (MHz)	18.0	27.0	245.0	249.0
Limit (dB)	43.9	39.3	2.5	2.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	45
RL (dB)	6.1	5.3	9.7	6.0
Freq. (MHz)	14.3	21.8	231.5	136.0
Limit (dB)	20.2	19.3	10.4	12.7

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

NEXT (dB) — **NEXT @ Remote (dB)**
ACR-F (dB) — **ACR-F @ Remote (dB)**
ACR-N (dB) — **ACR-N @ Remote (dB)**
RL (dB) — **RL @ Remote (dB)**

Ordering Information

Part Number	Product Description
KJC6UWH	Keystone Jack, Unshielded, Cat-6 White
KJC6UBK	Keystone Jack, Unshielded, Cat-6 Black