

DESCRIPTION

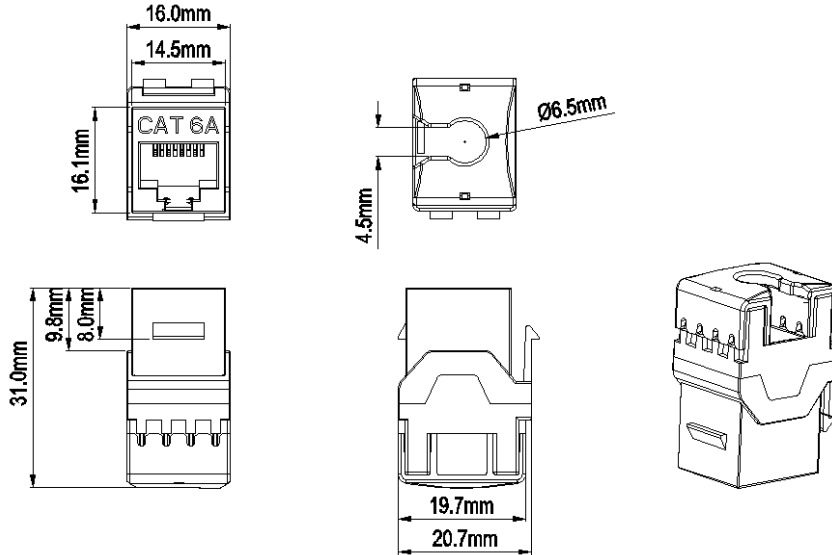
This series keystone jacks work together with high-speed cables, cords and panels to provide performance beyond proposed Category 6A standards, a new feature of this series jack is a universal-colored wiring label that eliminates the need for separate codes for T568A/B wiring scheme.

APPLICATION

- Available in Cat. 6A, T568A/B wiring, meet or exceed TIA/EIA Cat. 6A requirements
- Housing: high temperature thermoplastic
- Compact jack design, 8 positions and 8 conductors
- Contact: phosphor bronze, phosphor bronze with 6 to 50 μ " gold plate
- Accept 22-26 AWG solid with an insulation diameter of 0.4-0.6 mm
- Easy to be terminated, low attenuation loss and high return loss
- High reliability and superior performance
- Available in different colors



PRODUCT DIMENSIONS



CONSTRUCTION

Description	Parameter
Contact resistance (max)	20mΩ
Insulation resistance (min)	500MΩ
Return loss (dB)	5.2dB

ORDERING INFORMATION

Product code	Description	Color	Inner Box	Carton	Carton measurement (L*W*H)	Weight
1-1412001	Cat. 6A unshielded keystone jacks (180 degree)	White	25 pcs.	250 pcs.	53 cm × 31 cm × 23 cm	3.80 kg



PERFORMANCE

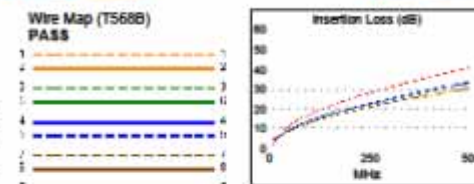
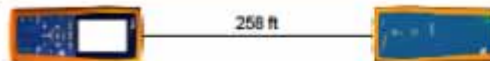


Date / Time: 12/14/2017 08:58:48 AM
Headroom 4.7 dB (NEXT 36-78)
Test Limit: ISO11801 PL2 Class Ea
Cable Type: Cat 6A U/UTP

Operator: Your Name
Software Version: 2.7800
Limits Version: 1.9500
NVP: 68.2%

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

Length (ft)	[Pair 12]	258
Prop. Delay (ns), Limit 496	[Pair 45]	411
Delay Skew (ns), Limit 43	[Pair 45]	27
Resistance (ohms), Limit 20.6	[Pair 36]	10.8
Insertion Loss Margin (dB)	[Pair 45]	7.2
Frequency (MHz)	[Pair 45]	500.0
Limit (dB)	[Pair 45]	41.6



Worst Case Margin		Worst Case Value		
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
NEXT (dB)	4.7	6.8	4.8	6.9
Freq. (MHz)	489.0	293.0	494.0	499.0
Limit (dB)	29.8	34.2	29.4	29.3
Worst Pair	36	36	36	36
PS NEXT (dB)	4.9	5.9	5.0	6.4
Freq. (MHz)	470.0	462.0	494.0	500.0
Limit (dB)	27.0	27.2	26.5	26.4

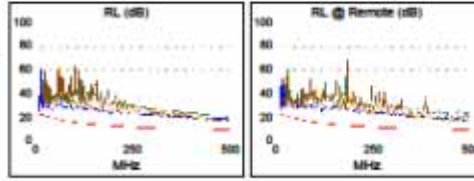
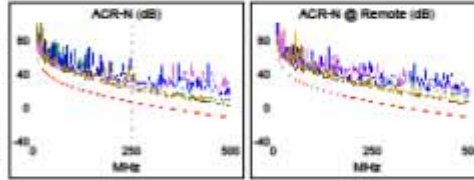
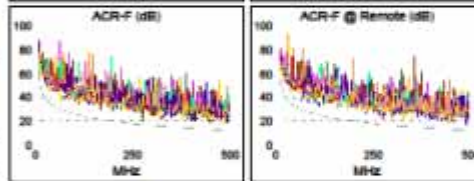
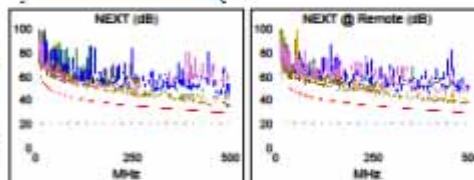
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	78-12	78-36	12-78
ACR-F (dB)	5.5	6.0	6.2	6.6
Freq. (MHz)	448.0	449.0	496.0	491.0
Limit (dB)	12.2	12.2	11.3	11.4
Worst Pair	45	12	36	12
PS ACR-F (dB)	8.1	6.7	8.2	6.7
Freq. (MHz)	273.0	448.0	496.0	448.0
Limit (dB)	13.5	9.2	8.3	9.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-45	36-45	36-45
ACR-N (dB)	9.9	11.0	14.1	15.3
Freq. (MHz)	10.1	11.0	500.0	497.0
Limit (dB)	52.3	51.5	-12.4	-12.2
Worst Pair	78	45	36	36
PS ACR-N (dB)	10.7	12.3	13.3	15.0
Freq. (MHz)	10.1	11.0	485.0	500.0
Limit (dB)	49.9	49.1	-14.9	-15.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	45	12	78	12
RL (dB)	6.5	5.4	6.6	5.4
Freq. (MHz)	24.5	487.0	489.0	487.0
Limit (dB)	19.1	8.0	8.0	8.0

Compliant Network Standards:

10GBASE-T	100BASE-TX	100BASE-T4
100BASE-T	100BASE-T	ATM-25
ATM-51	ATM-155	100VG-AnyLAN
TR-4	TR-15 Active	TR-15 Passive



LinkWare Version 9.1

Project: DEFAULT
12000000.fw

Site: Client Name

