

## DESCRIPTION

This series keystone jacks work together with high-speed cables, cords and panels to provide performance beyond proposed Category 6 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

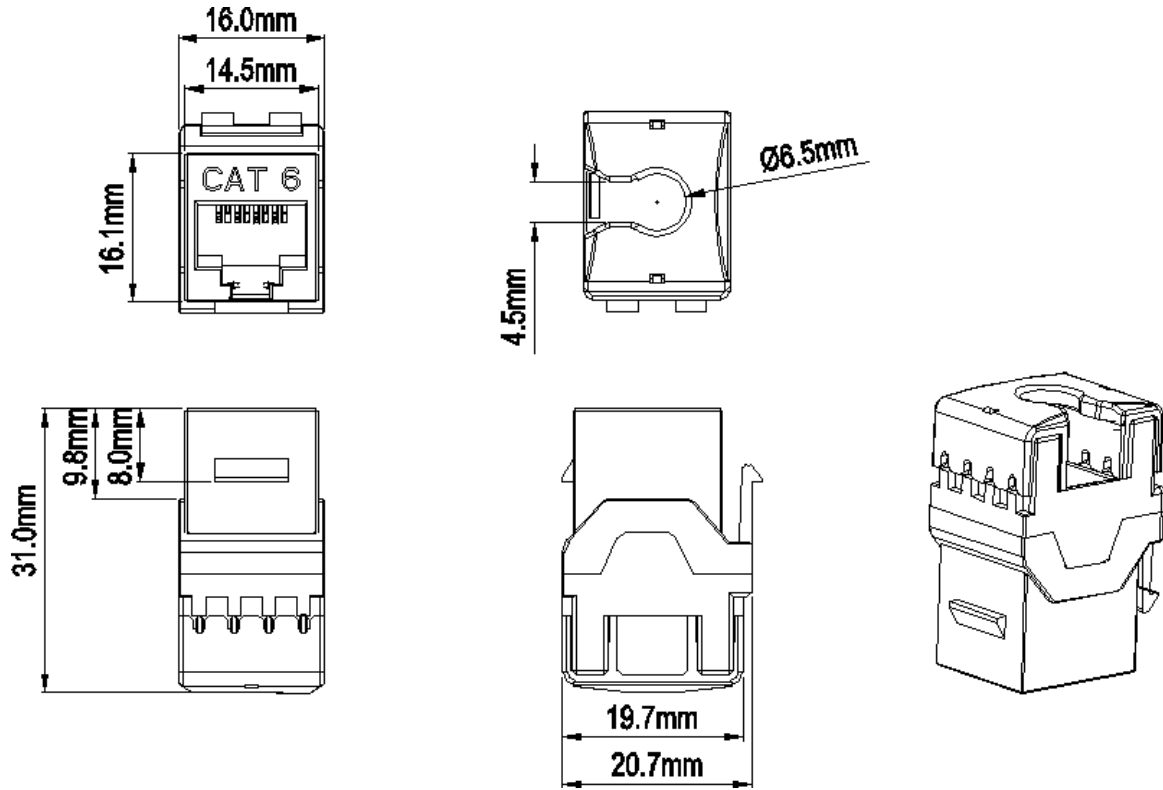
- Available in Cat. 6, T568A/B wiring, meet or exceed TIA/EIA Cat. 6 requirements
- Housing: high temperature thermoplastic
- Compact jack design, 8 positions and 8 conductors
- Contact: phosphor bronze, phosphor bronze with 6 to 50 $\mu$ " gold plate
- Accept 22-26 AWG solid with an insulation diameter 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

## ORDERING INFORMATION

Product code	Description	Color	Inner Box	Carton	Carton measurement (L*W*H)	Weight
1-1612001	Cat. 6 unshielded keystone jacks (180 degree)	White	25 pcs.	250 pcs.	53 cm × 31 cm × 23 cm	3.80 kg



## PRODUCT DIMENSIONS



## CONSTRUCTION

Description	Parameter
Contact resistance (max)	100m $\Omega$
Insulation resistance (min)	500M $\Omega$
Return loss (dB)	5.2dB



## PERFORMANCE



Cable ID: LKA109-C6U

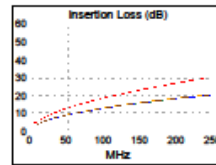
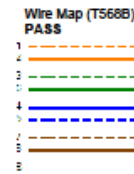
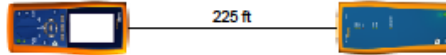
Date / Time: 12/28/2017 10:12:55 AM  
Headroom 5.2 dB (NEXT 45-78)  
Test Limit: ISO11801 PL Class E  
Cable Type: Cat 6 U/UTP

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

Test Summary: PASS

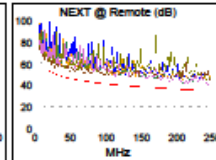
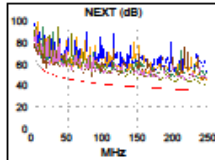
Model: DTX-1800  
Main S/N: 1342547  
Remote S/N: 1342548  
Main Adapter: DTX-PLA002  
Remote Adapter: DTX-PLA002

Length (ft)	[Pair 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 12]	10.1
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	30.7

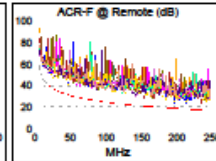
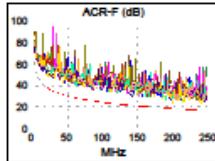


Worst Case Margin Worst Case Value

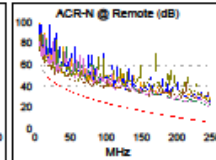
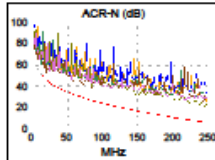
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-78	36-78	45-78
NEXT (dB)	5.5	5.2	5.5	5.2
Freq. (MHz)	17.8	245.0	247.5	245.0
Limit (dB)	53.9	35.5	35.4	35.5
Worst Pair	36	45	36	45
PS NEXT (dB)	6.7	5.0	6.7	5.0
Freq. (MHz)	248.0	245.0	248.0	245.0
Limit (dB)	32.8	32.9	32.8	32.9



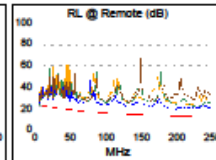
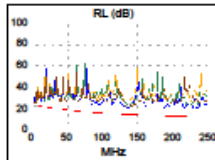
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	78-12	12-78	78-12
ACR-F (dB)	5.0	4.7	5.0	4.7
Freq. (MHz)	244.0	244.0	244.0	244.0
Limit (dB)	16.4	16.4	16.4	16.4
Worst Pair	12	12	78	12
PS ACR-F (dB)	7.1	6.9	7.2	6.9
Freq. (MHz)	205.0	244.0	244.5	244.0
Limit (dB)	15.0	13.4	13.4	13.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	45-78
ACR-N (dB)	7.9	8.3	15.6	15.6
Freq. (MHz)	17.8	18.0	247.5	245.0
Limit (dB)	46.4	46.3	4.9	5.2
Worst Pair	45	45	36	45
PS ACR-N (dB)	9.4	9.7	16.9	15.1
Freq. (MHz)	17.9	18.0	246.0	245.0
Limit (dB)	44.0	43.9	2.4	2.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	4.5	6.2	7.5	6.6
Freq. (MHz)	10.3	97.3	229.0	198.5
Limit (dB)	20.9	14.1	10.4	11.0



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	

LinkWare Version 9.1

Project: DEFAULT  
12000000.fw

Site: Client Name

