

## DESCRIPTION

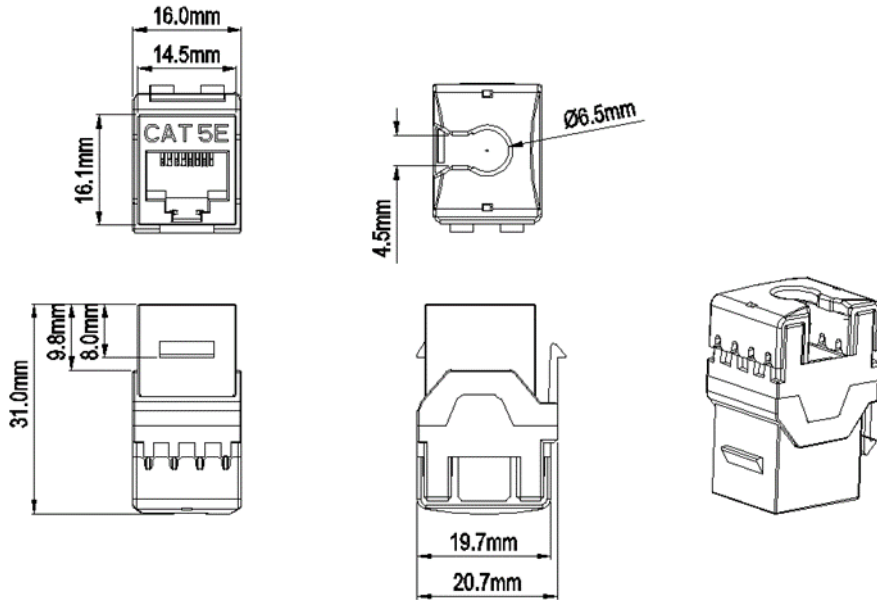
This series keystone jacks work together with high-speed cables, cords and panels to provide performance beyond proposed Category 5E standards, a new feature of this series jack is a universal-colored wiring label that eliminates the need for separate codes for T568A/B wiring scheme.

## APPLICATION

- Available in Cat. 5E, 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



## PRODUCT DIMENSIONS



## CONSTRUCTION

Description	Parameter
Contact resistance (max)	20mΩ
Insulation resistance (min)	500MΩ
Return loss (dB)	4.2dB

## ORDERING INFORMATION

Product code	Description	Color	Inner Box	Carton	Carton measurement (L*W*H)	Weight
1-1512001	Cat. 5E unshielded keystone jacks (180 degree)	White	25 pcs.	250 pcs.	53 cm × 31 cm × 23 cm	4.00 kg



## PERFORMANCE



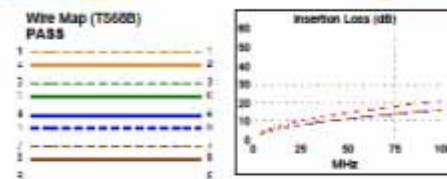
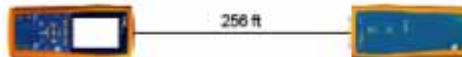
Test Summary: **PASS**

Date / Time: 01/06/2018 03:13:17 PM  
Headroom 7.7 dB (NEXT 36-45)  
Test Limit: TIA Cat 5e Perm. Link  
Cable Type: Cat 5e 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), Limit 295	[Pair 45]	256
Prop. Delay (ns), Limit 498	[Pair 12]	386
Delay Skew (ns), Limit 44	[Pair 12]	9
Resistance (ohms)	[Pair 78]	14.1
Insertion Loss Margin (dB)	[Pair 12]	4.7
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0



Worst Case Margin		Worst Case Value		
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	7.9	7.7	8.1	7.7
Freq. (MHz)	83.8	83.8	94.8	84.0
Limit (dB)	33.6	33.6	32.7	33.5
Worst Pair	36	36	36	36
PS NEXT (dB)	9.3	9.8	9.3	9.8
Freq. (MHz)	83.8	83.8	83.8	84.0
Limit (dB)	30.6	30.6	30.6	30.5

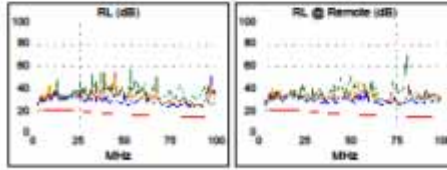
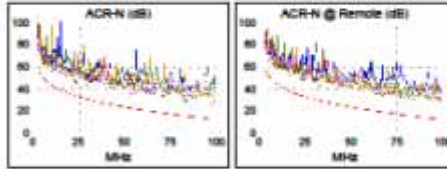
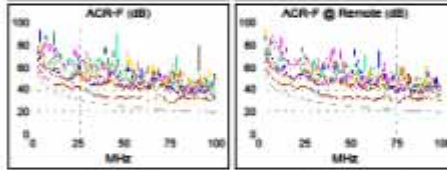
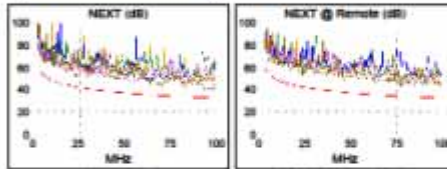
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	45-36	36-45	45-36
ACR-F (dB)	4.4	4.4	6.6	6.5
Freq. (MHz)	1.0	1.0	75.3	75.3
Limit (dB)	58.6	58.6	21.1	21.1
Worst Pair	36	36	36	36
PS ACR-F (dB)	6.6	6.7	9.5	9.1
Freq. (MHz)	1.0	1.0	76.3	75.3
Limit (dB)	55.6	55.6	18.0	18.1

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	10.9	12.3	13.5	12.3
Freq. (MHz)	22.5	84.0	98.3	84.0
Limit (dB)	33.4	14.5	11.7	14.5
Worst Pair	36	36	36	36
PS ACR-N (dB)	13.4	14.3	15.6	14.3
Freq. (MHz)	22.4	84.0	98.3	84.0
Limit (dB)	30.5	11.5	8.7	11.5

PASS	MAIN	SR	MAIN	SR
Worst Pair	45	36	45	12
RL (dB)	8.3	7.1	8.8	10.0
Freq. (MHz)	51.5	4.3	87.8	75.3
Limit (dB)	14.9	19.0	12.6	13.2

Compliant Network Standards:

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



LinkWare Version 6.1

Project: DEFAULT  
100000.fw

Site: Client Name

