



DESCRIPTION

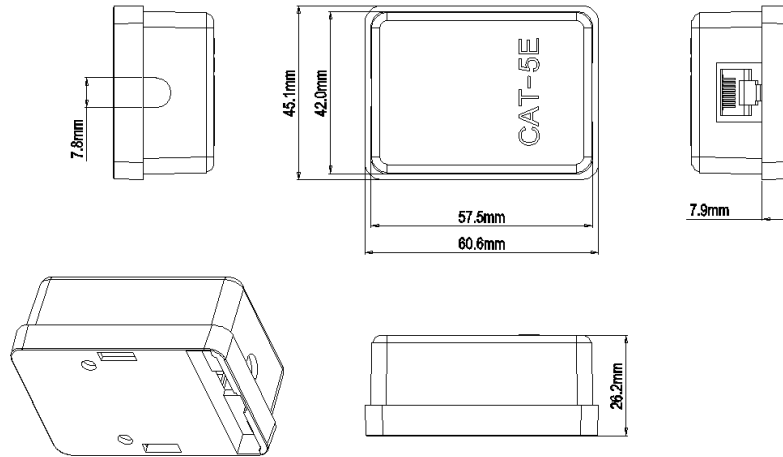
This series keystone jacks work together with high-speed cables, cords and panels to provide performance beyond proposed Category 5E standards, a new feature of this series jack is a universal-colored wiring label that eliminates the need for separate codes for T568A/B wiring scheme.

APPLICATION

- Available in Cat. 5E, T568A/B wiring, meet or exceed TIA/EIA Cat.5E 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)	5.3dB

ORDERING INFORMATION

Product code	Description	Color	Inner Box	Carton	Carton measurement (L*W*H)	Weight
1-1515001	Surface 1-port keystone jacks (90 degree)	White	20 pcs.	200 pcs.	53 cm × 31 cm × 23 cm	8.50 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: 80.0%

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]	250
Prop. Delay (ns), Limit 408	[Pair 12]	380
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

256 ft

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

Worst Case Margin		Worst Case Value		
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)	56.0	56.0	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	
Worst Pair	MAIN	SR	MAIN	SR	SR
Worst Pair	36-45	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	
Worst Pair	MAIN	SR	MAIN	SR	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:
 10BASE-T 100BASE-TX 100BASE-T4
 100BASE-T ATM-25 ATM-51
 ATM-155 100V-Any/Lan TR-4
 TR-16 Active TR-16 Passive

LinkWare Version: 8.1

Project: DEFAULT
100000.flw

Site: Client Name

