

DESCRIPTION

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.

APPLICATION

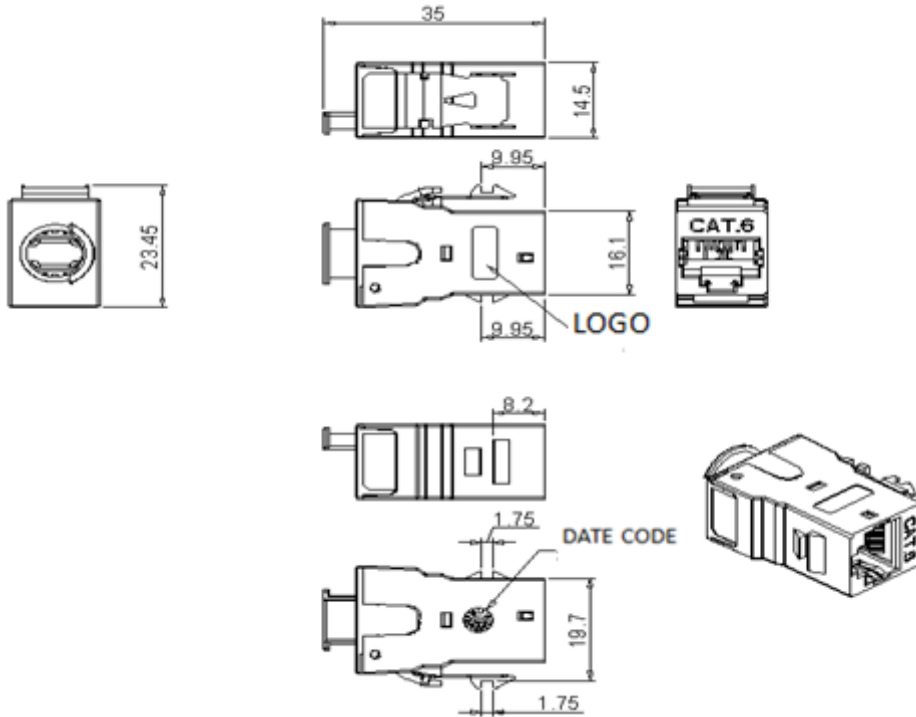
- Available in Cat6, T568A/B wiring, meet or exceed TIA/EIA Cat6 requirements
- Overall zinc alloy shielding design meets the industry standards
- Compact jack design, 8 positions and 8 conductors
- Contact : phosphor bronze , phosphor bronze with 15 μ " , 30 μ " or 50 μ " gold plate can be selected
- Accept 23-24 AWG cable
- Easy to be terminated, low attenuation loss and high return loss
- High reliability and superior performance
- With backward compatibility of CAT 6 and lower classes

Ningbo Doppler Communication Co ., Ltd.

No. 19, 3rd Binhai Road, Hangzhou Bay New Zone, Ningbo City, Zhejiang Province, CHINA.

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PRODUCT DIMENSION



CONSTRUCTION

<i>Description</i>	<i>Parameter</i>
Contact resistance(max)	20mΩ
Insulation resistance(min)	500MΩ
Return loss(dB)	5.3dB

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PERFORMANCE

LINKWARE
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: LKS116-C6S
 Date / Time: 12/15/2017 02:15:19 PM
 Headroom 5.7 dB (NEXT 36-45)
 Test Limit: ISO11801 PL Class E
 Cable Type: Cat 6 F/UTP

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]	72
Prop. Delay (ns), Limit 498	[Pair 45]	114
Delay Skew (ns), Limit 44	[Pair 45]	9
Resistance (ohms), Limit 21.0	[Pair 12]	2.8
Insertion Loss Margin (dB)	[Pair 45]	24.0
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	30.7

Worst Case Margin		Worst Case Value		
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-78	36-78
NEXT (dB)	5.7	6.1	6.7	6.6
Freq. (MHz)	206.0	205.5	242.0	234.0
Limit (dB)	36.7	36.7	35.6	35.8
Worst Pair	45	45	12	45
PS NEXT (dB)	6.2	6.2	6.9	6.2
Freq. (MHz)	206.0	205.5	242.5	205.5
Limit (dB)	34.1	34.1	32.9	34.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	78-45	45-78	78-45	78-45
ACR-F (dB)	14.9	15.0	16.9	16.6
Freq. (MHz)	3.3	3.3	250.0	250.0
Limit (dB)	54.0	54.0	16.2	16.2
Worst Pair	45	45	45	45
PS ACR-F (dB)	16.0	16.2	19.1	19.3
Freq. (MHz)	2.8	2.5	250.0	250.0
Limit (dB)	52.8	53.2	13.2	13.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-45	36-45	12-45
ACR-N (dB)	22.7	21.5	27.2	31.3
Freq. (MHz)	95.8	91.8	206.0	242.5
Limit (dB)	24.1	24.8	9.2	5.4
Worst Pair	45	45	12	45
PS ACR-N (dB)	22.5	21.6	31.1	27.7
Freq. (MHz)	92.0	91.5	242.5	205.5
Limit (dB)	22.2	22.3	2.8	6.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	12
RL (dB)	5.3	5.3	9.2	9.3
Freq. (MHz)	54.8	54.8	236.5	243.0
Limit (dB)	16.6	16.6	10.3	10.1

72 ft

Wire Map (T568B)
PASS

Insertion Loss (dB)

NEXT (dB)

NEXT @ Remote (dB)

ACR-F (dB)

ACR-F @ Remote (dB)

ACR-N (dB)

ACR-N @ Remote (dB)

RL (dB)

RL @ Remote (dB)

Compliant Network Standards:
 10GBASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100V-S-AnyLan TR-4
 TR-15 Active TR-15 Passive

Project: DEFAULT
12000000.flw

Site: Client Name

LinkWare Version 9.1

ORDER INFORMATION

Part No.	Description	Color	Inner Box	Carton	Carton measurement (L*W*H)	Weight
LKS116-C6S	Cat6 shielded keystone jacks (180 degree)	Silver	25PCS	250PCS	53cmx 31cm x 23cm	9.20KG

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