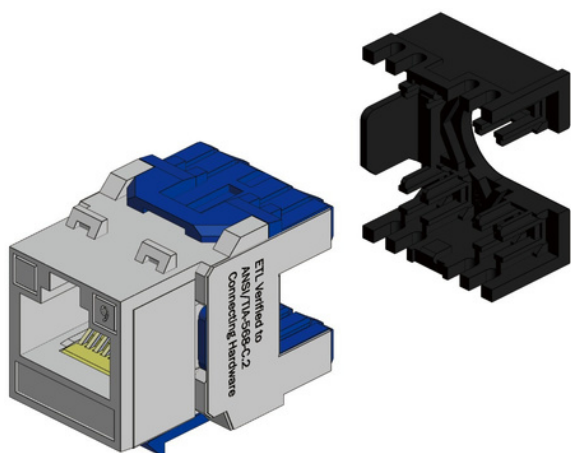


ZCJKU6WDC

Jack RJ45



Cat 6 Connecting Hardware Performance

ETL Verified: 101624990CRT-001b



Compensation Methodology which improves NEXT, FEXT and RL

U.S. Patent: US 9,325,117 B1

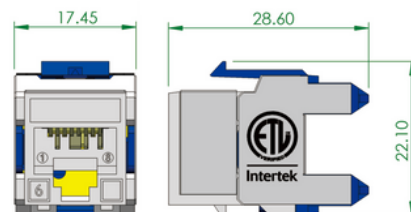
Technical Information

Transmission Performance	ISO-11801 & TIA-568.2-D Cat 6 Connecting Hardware Certified
FCC & IEC Compliance	Meets FCC part 68-F & IEC 60603-7
PoE Compliance	Supports Power over Ethernet PoE+ 802.3at and PoE++ 802.3bt
Ethernet Standard	IEEE 802.3ab 1000Base-T Gbit/s Ethernet over Twisted Pair
EU Directive 2002/95/EC	RoHS Compliant
Safety Listing	UL Listed

Materials Specifications

Jack Housing	ABS UL94V-0
Spring Wire	Phosphor Bronze
Spring Wire Plating	50u" Gold at Contact Area Nickel Undercoat
IDC Terminal	Phosphor Bronze
IDC Terminal Plating	Nickel
IDC Block	Hi-impact PC UL94V-0
PCB	FR-4

Dimensions



(Unit=mm)

Mechanical Specifications

Keystone Latching Force	>150N
Plug Insertion Life	>750x
Plug Retention Force	>80N
Plug Insertion Force	<20N
Plug Withdraw Force	<20N
IDC Re-Termination	>20x
Cable Retention Force	>80N

Electrical Specifications

Contact Resistance	<20mΩ
DC Resistance	<200mΩ
Resistance Unbalance	<50mΩ
Insulation Resistance	>500MΩ
Dielectric Strength	>1000VDC
Current Rating	1.5A @ 20 °C

Environmental Specifications

Operating Temperature	-10°C to 60°C
Storage Temperature	-40°C to 68°C
Humidity	10% to 90%RH

Cable & Tool Compatibility

Cable O.D.	5mm to 9mm
Insulation Diameter	0.8mm to 1.2mm
Conductor Gauge	22AWG Solid to 24AWG Stranded
Tool	110 & LSA KRONE EZ-TERM. TOOL 3013AFT4

Transmission Characteristics

Freq. (MHz)	ANSI/TIA-568.2-D		ANSI/TIA-568.2-D		ANSI/TIA-568.2-D		ANSI/TIA-568.2-D		ANSI/TIA-568.2-D		ANSI/TIA-568.2-D		ANSI/TIA-568.2-D	
	NEXT 36-54 Highest & Lowest (dB)		NEXT The Other Pairs (dB)		RL (dB)		FEXT (dB)		IL (dB)		TCL (dB)		TCTL (dB)	
	Limit	Min.	Limit	Min.	Limit	Min.	Limit	Min.	Limit	Max.	Limit	Min.	Limit	Min.
1	75.00	80.19	75.00	80.76	30.00	39.38	75.00	82.47	0.10	0.01	40.00	72.83	40.00	66.87
4	75.00	86.17	75.00	77.46	30.00	40.28	71.06	71.62	0.10	0.02	40.00	71.73	40.00	57.56
8	74.44	79.35	75.00	77.20	30.00	39.86	65.04	65.48	0.10	0.01	40.00	67.81	40.00	51.79
10	72.50	78.93	74.00	76.72	30.00	39.64	63.10	63.62	0.10	0.00	40.00	66.46	40.00	49.87
16	68.42	74.56	69.92	72.64	30.00	38.91	59.02	59.66	0.10	0.01	40.00	63.21	40.00	45.91
20	66.48	72.28	67.98	70.69	30.00	38.42	57.08	57.78	0.10	0.01	40.00	61.43	40.00	43.95
25	64.54	70.78	66.04	68.59	30.00	37.85	55.14	55.91	0.10	0.01	40.00	60.10	40.00	42.09
31.25	62.40	68.37	63.90	66.61	30.00	36.89	53.00	53.64	0.11	0.00	37.90	57.88	37.90	39.96
62.5	56.51	62.26	58.01	60.82	28.01	32.97	47.11	47.93	0.16	0.01	32.01	49.89	32.01	34.28
100	52.50	58.17	54.00	56.99	24.00	29.85	43.10	44.02	0.20	0.00	28.00	42.62	28.00	30.54
200	46.48	51.71	47.98	51.48	17.98	24.89	37.08	38.04	0.28	0.00	21.98	30.45	21.98	25.11
250	44.54	48.63	46.04	48.27	16.04	23.17	35.14	36.03	0.32	0.01	20.04	26.50	20.04	23.22

Packaging & Weights

5 Bags(250pcs) in one Inner Box

50pcs
in one PE Bag



2 Inner Boxes(500pcs)
in one Carton



Carton Size: 49x23x37cm

N.W.: 4.7kgs

G.W.: 6.1kgs



(1.47cuft)

Order Infomation

3013AKHA6S_ _

Unshielded Super Cat 6 Component-Rated 180°Keystone Jack

