

**FEATURES:**

- Performance conforms to TIA/EIA-568B.2-1, ISO/IEC 11801 and EN50173-1 Category 6 specification.
- Support T568 A&B wiring & Easy installation.
- Offers total solution of your Local Area Networking.
- Dual IDC connector can accept 22-26 AWG solid cables.
- Terminate using 110 or Krone tools.
- RoHS compliant.



**CHARACTERISTICS:**

Dielectric Strength	1000V RMS for 1min
Current Rating	1.5Amp Max.
Insulation Resistance	10MΩ Min.
Contact Resistance	2mΩ per contact
Temperature Range	-10°C to 60°C
Humidity	10%~90%; non condensing
Material Flame Rating	10g (including plastic bag & manual)
Admissible Conductor	UL94 V-0
8pin contact in PCB Jack	22AWG ~ 26AWG insulation wire Phosphor bronze, 50μ inch gold plated over nickel plating in contact area;
IDC Contacts	Operating life: Minimum 750 insertions 100μ inch nickel plated over phosphor bronze; Operating life: Minimum 250 re-terminations



**APPROVALS:**

- ETL certified TIA/EIA-568 B.2-1 category 6 UTP channel testing performance requirements.

**APPLICATIONS:**

- 10Base-T
- 100Base-Tx
- 1000Base-Tx

### TYPICAL PERFORMANCE:

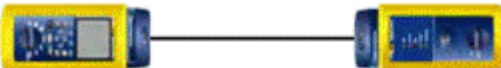



**Cable ID: CAT6 UTP KEYSTONE JACK** **Test Summary: PASS**

Date / Time: 04/29/2008 10:40:42am	Operator: Your Name	Model: DSP-4300
Headroom: 4.0 dB (NEXT 36-78)	Software Version: 1.921	Main S/N: 8371009
Test Limit: TIA Cat 6 Perm. Link	Limits Version: 5.13C	Remote S/N: 8371009
Cable Type: UTP 100 Ohm Cat 6	NVP: 69.0%	Main Adapter: PM-006
Fault Anomaly Threshold: 15%	Shield Test: N/A	Remote Adapter: PM-006

Wire Map: 1 2 3 4 5 6 7 8 S  
**PASS** | | | | | | | |  
 1 2 3 4 5 6 7 8

Length (ft), Limit 295	[Pair 45]	268
Prop. Delay (ns), Limit 498	[Pair 12]	421
Delay Skew (ns), Limit 44	[Pair 12]	26
Resistance (ohms)		N/A
Attenuation (dB)	[Pair 12]	5.3
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	31.1



Worst Case Margin		Worst Case Value		
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	12-45	36-78	12-45	36-45
<b>NEXT (dB)</b>	5.0	4.0	5.6	6.4
Freq. (MHz)	219.5	106.0	247.0	250.0
Limit (dB)	36.3	41.5	35.4	35.3
Worst Pair	36	36	45	36
<b>PSNEXT (dB)</b>	5.7	6.4	5.7	7.8
Freq. (MHz)	243.5	106.0	247.0	250.0
Limit (dB)	32.9	38.9	32.8	32.7

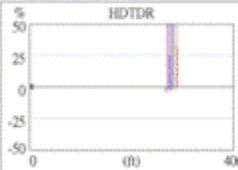
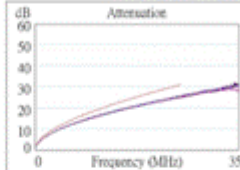
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	45-36	45-36
<b>ELFEXT (dB)</b>	3.8	3.9	5.9	5.4
Freq. (MHz)	20.2	20.4	249.5	249.5
Limit (dB)	38.1	38.0	16.2	16.2
Worst Pair	36	36	36	45
<b>PSELFEXT (dB)</b>	6.5	6.4	8.5	8.3
Freq. (MHz)	140.0	20.4	250.0	249.5
Limit (dB)	18.3	35.0	13.2	13.2

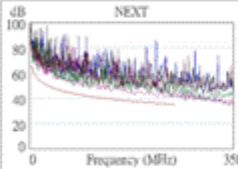
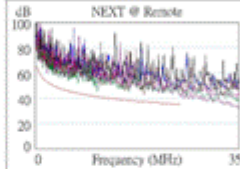
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-45	36-45
<b>ACR (dB)</b>	6.5	7.0	11.6	12.0
Freq. (MHz)	5.0	106.0	247.0	250.0
Limit (dB)	58.7	22.3	4.5	4.2
Worst Pair	36	36	45	45
<b>PSACR (dB)</b>	7.6	7.4	11.1	13.4
Freq. (MHz)	4.9	4.6	243.0	250.0
Limit (dB)	56.6	57.1	2.4	1.6

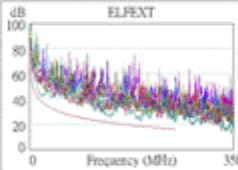
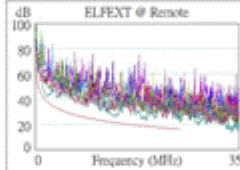
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	36	36	45	45
<b>RL (dB)</b>	7.5	7.0	8.8	11.6
Freq. (MHz)	5.2	4.3	233.0	236.5
Limit (dB)	21.0	21.0	10.3	10.3

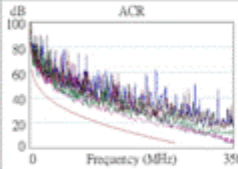
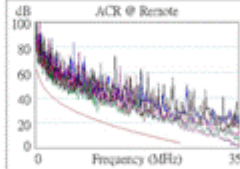
Compliant Network Standards:

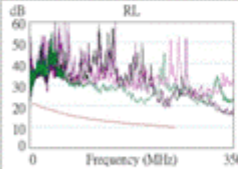
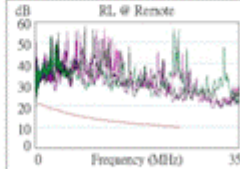
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

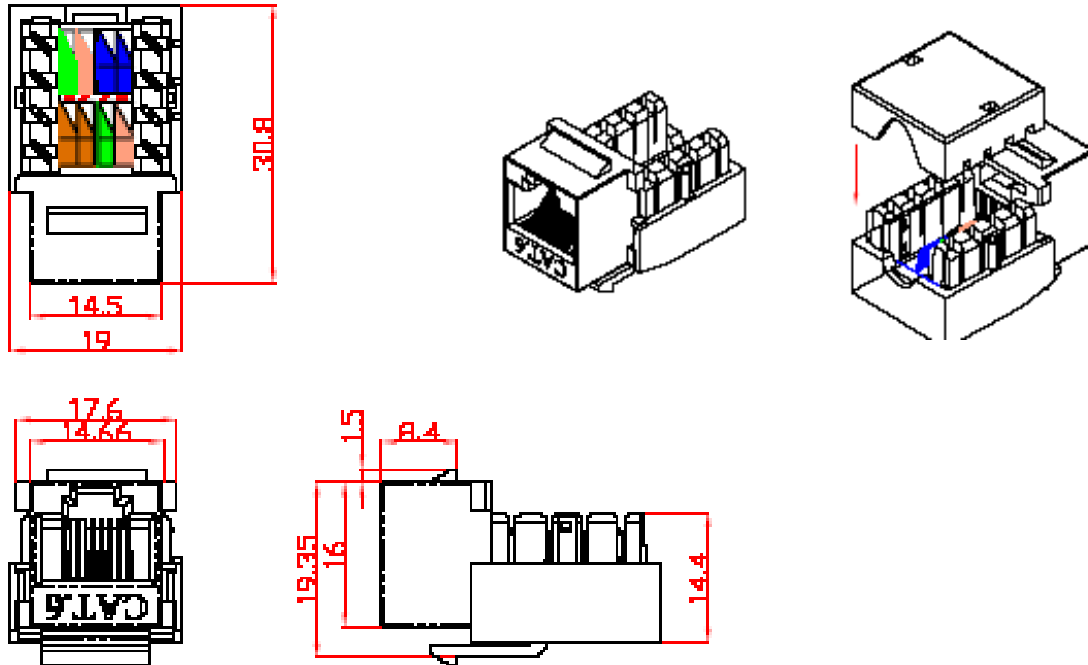
Site: ABC

yang pin.fw

**FLUKE**  
networks.



**DRAWING:**



**ORDERING INFORMATION:**

Part NO.	1061110x0
Description	Premium-Line Cat.6 90° unshielded keystone jack, dual type IDC
X, Color	1: White 2: Black 3: Red 4: Blue 9:Yellow