

FEATURES:

- Performance conforms to TIA/EIA-568B.2, ISO/IEC 11801 and EN50173-1 category 5e 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	UL94 V-0
Admissible Conductor	22AWG ~ 26AWG insulation wire
8pin contact in PCB Jack	Phosphor bronze, 50μ inch gold plating over nickel plating in contact area; Operating life: Minimum 750 insertions
IDC Contacts	100μ inch nickel plated over phosphor bronze; Operating life: Minimum 250 re-terminations



APPROVALS:

- ETL certified TIA/EIA-568 B.2 category 5e UTP channel testing performance requirements.
- 3P certified TIA/EIA-568 B.2 category 5e unshielded channel testing performance requirements.

APPLICATIONS:

- 1000Base-Tx Gigabit Ethernet
- 100Base-Tx Fast Ethernet
- 10Base-T Ethernet

TYPICAL PERFORMANCE:

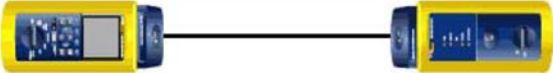
Cable ID: C5EUTPKJ **Test Summary: PASS**

Date / Time: 05/18/2007 06:13:06pm
Headroom: 9.9 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: UTP 100 Ohm Cat 5e
 Fault Anomaly Threshold: 15%

Operator: PL
 Software Version: 1.906
 Limits Version: 5.12
 NVP: 69.0%
 Shield Test: N/A

Model: DSP-4300
 Main S/N: 8467020
 Remote S/N: 8467020
 Main Adapter: PM- 006
 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 78]	138
Prop. Delay (ns), Limit 498	[Pair 45]	207
Delay Skew (ns), Limit 44	[Pair 45]	4
Resistance (ohms)		N/A

Insertion Loss Margin (dB)	[Pair 45]	11.2
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	21.0

	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	12-36	36-78
NEXT (dB)	9.9	9.9	12.8	11.9
Freq. (MHz)	9.7	9.7	95.4	91.6
Limit (dB)	48.8	48.8	32.7	33.0
Worst Pair	12	78	36	78
PSNEXT (dB)	11.6	11.1	13.8	11.1
Freq. (MHz)	17.6	100.0	97.2	100.0
Limit (dB)	41.6	29.3	29.5	29.3

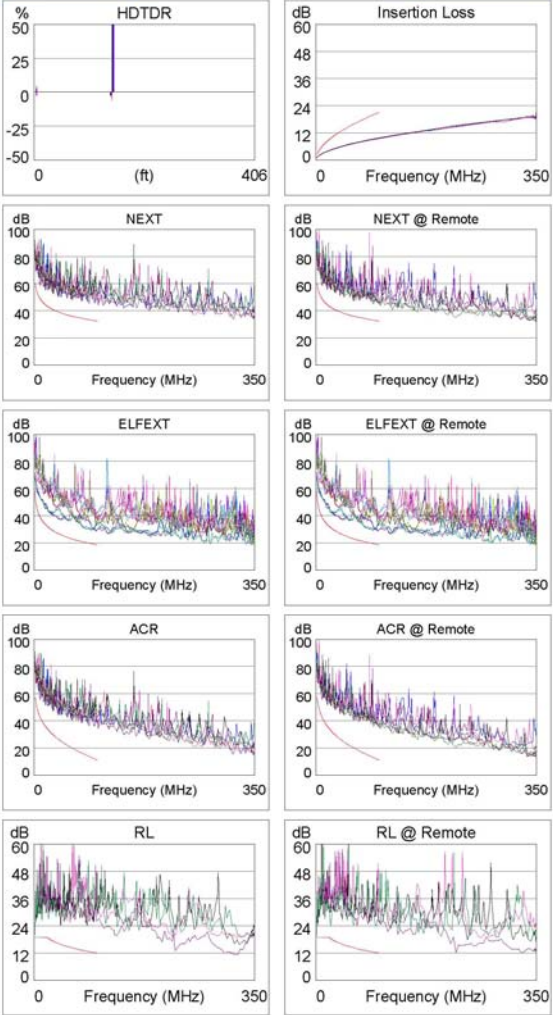
	MAIN		SR	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	45-36	36-12	36-12
ELFEXT (dB)	9.7	9.5	10.0	9.9
Freq. (MHz)	90.4	90.4	98.6	98.2
Limit (dB)	19.5	19.5	18.7	18.8
Worst Pair	36	36	36	36
PSELFEXT (dB)	10.8	11.0	10.8	11.3
Freq. (MHz)	92.4	93.6	92.4	98.2
Limit (dB)	16.3	16.2	16.3	15.8

	MAIN		SR	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-78	45-78	12-36	45-78
ACR (dB)	12.5	12.8	23.9	24.0
Freq. (MHz)	2.5	2.3	95.4	100.0
Limit (dB)	55.0	55.6	12.2	11.3
Worst Pair	78	45	36	78
PSACR (dB)	14.7	14.6	25.0	22.5
Freq. (MHz)	2.5	2.3	97.2	100.0
Limit (dB)	52.0	52.6	8.9	8.3

	MAIN		SR	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	78	36	78
RL (dB)	7.0	5.7	11.6	11.0
Freq. (MHz)	12.5	23.8	84.2	95.4
Limit (dB)	19.0	18.3	12.7	12.2

Compliant Network Standards:

10BASE-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 3.02

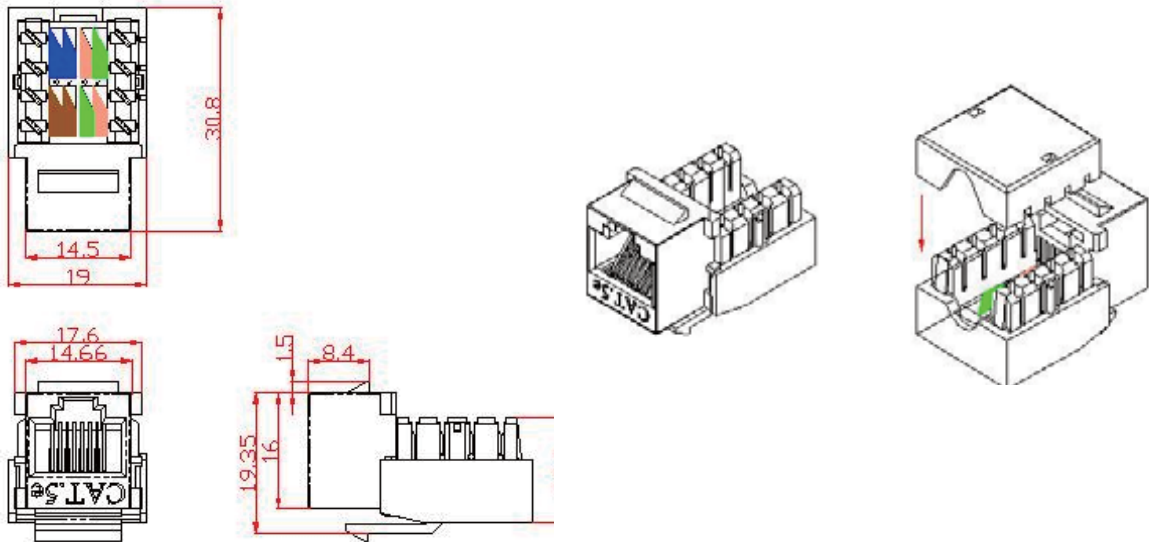
Site: BJBSC



c5e utp kj(5.18).flw



DRAWING:



ORDERING INFORMATION:

Part NO.	1051110x0
Description	Premium-Line cat.5e 90° unshielded keystone jack, dual type IDC
x color	1: White 2: Black 3: Red 4: Blue 9: Yellow