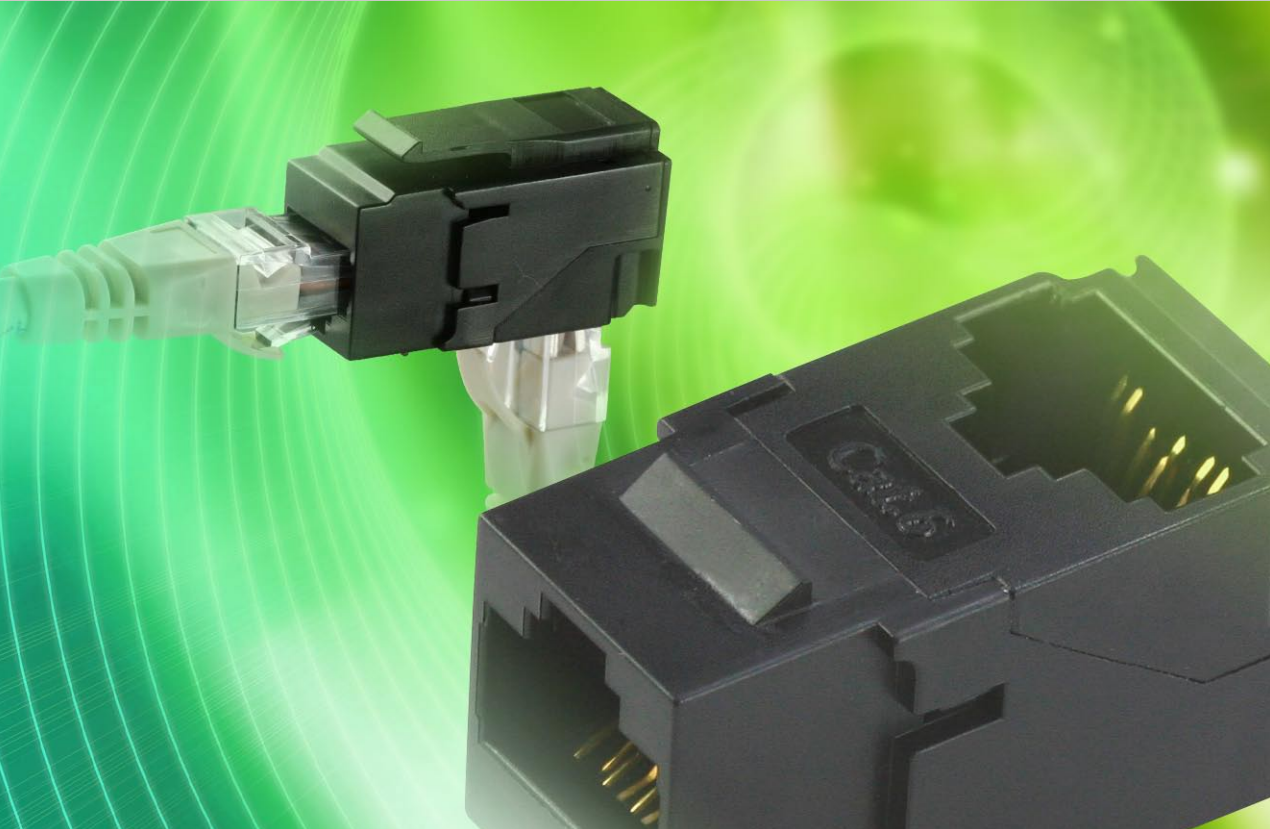


Cat.5e/Cat.6 UTP 90° Coupler



- Qualified Cat.6/Class E Permanent link/channel
- ISO/IEC 11801. 2nd Edition
- Cenelec EN 50173-1
- ANSI/TIA EIA-568-B.2-1 and IEC 60603-7-4

Cat.5e/Cat.6 UTP 90° Coupler



TA0968-XX

High Performance

Telebox 90 degree coupler provides an excellent headroom > 7.0 dB in the short Channel testing environment. It meets TIA/EIA-568-B.2-1 and IEC 60603-7-4, Cenelec EN 50173-1 and ISO/IEC 11801. 2nd Edition specifications. Performance of Cat.5e and Cat.6 unshielded (UTP) are available. It provides superior extension solution.

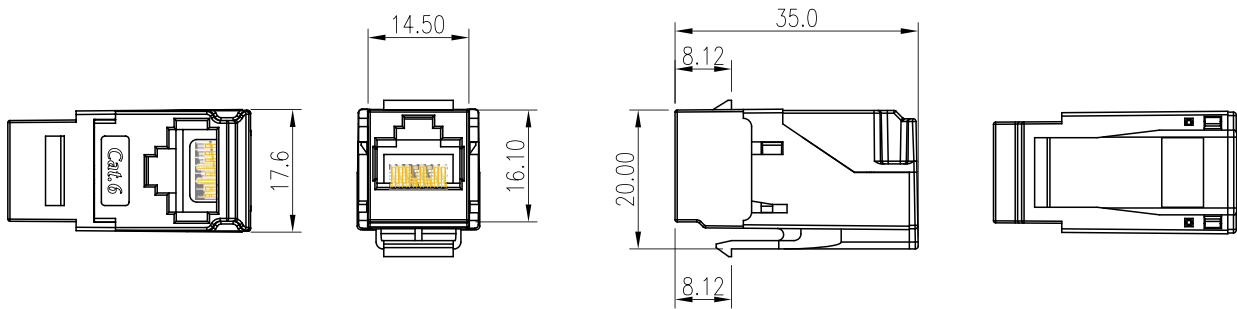
Superior design

This transcended general coupler 90 degree design. Product structure is standard RJ45 female to 90 degree RJ45 female adapter for easy cable connection, is suitable for the electrical box, wall surface faceplate, floor electrical box or any cramped space and so on.... Slim dimension 35mm x 17.6mm x 20mm (LxWxH), which is suitable for 1U 24 ports keystone panel.

Simple and fast installation

By using our 90 degree coupler, it causes the wire rod not to bend. It is toolless, simple and fast install and it can reduce mounting spaces. This plug and play 90 degree coupler allows you to link any right angle connections..

Specification



■ Specification:

Qualified Cat.6/Class E Permanent link/channel
ISO/IEC 11801 . 2nd Edition
Cenelec EN 50173-1
ANSI/TIA EIA-568-B.2-1 and IEC 60603-7-4

■ Electrical:

Current Rating: 1.5Amps
Insulation resistance: 500 Million ohms minimum
Contact resistance: 20 mili ohms maximum
DC resistance: 0.1 ohms maximum

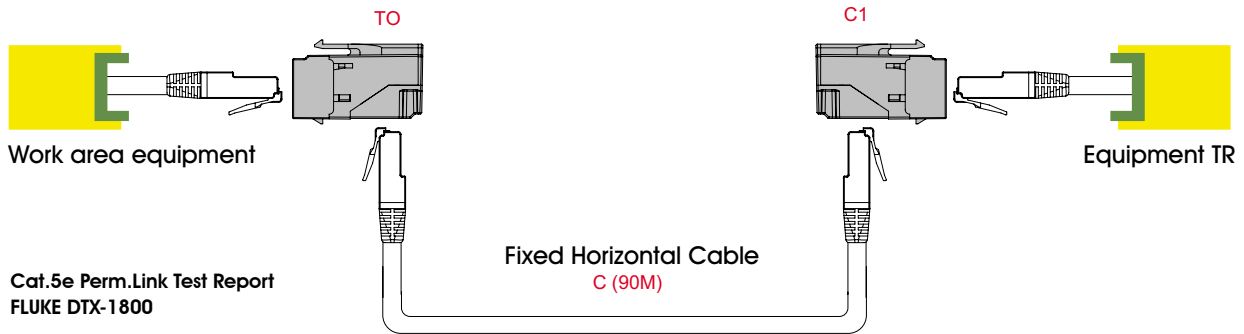
■ Mechanical:

Plug insertion life: 750 Cycles minimum
Plug & Jack contact force: 100 Grams minimum
Using FCC-Approved Plug
Plug retention force: 30 lbs minimum
Temperature: -40°F to 150°F (-40°C to 68°C)

■ Physicals:

Housing: High Impact Flame Retardant Plastic, UL 94V-0 Rated
PCB: FR4, 1.0mm Thickness
Jack Wiring: Phosphor Bronze Gold Over Nickel Plating

Transmission Performance Test Report



Cat.5e Perm.Link Test Report
FLUKE DTX-1800



Cable ID: RT0953U-3WH

Test Summary: PASS

Date / Time: 15/01/2010 03:49:52pm
 Headroom: **3.6 dB (NEXT 36-78)**
 Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Draka(90m)-Cat 5e UTP

Operator: Sam
 Software Version: 2.2200
 Limits Version: 1.3700
 NVP: 69.0%

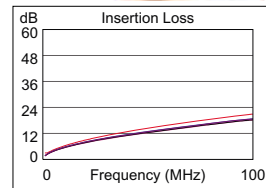
Model: DTX-1800
 Main S/N: 8690142
 Remote S/N: 8690143
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Wire Map (T568B)

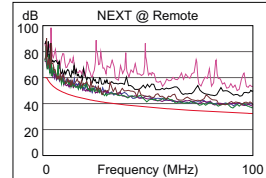
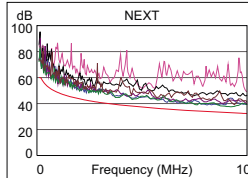
PASS



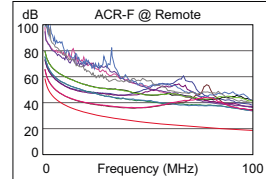
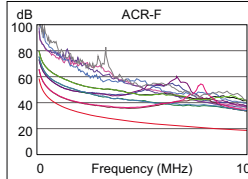
Length (m), Limit 90.0	[Pair 36]	91.4
Prop. Delay (ns), Limit 498		451
Delay Skew (ns), Limit 44		9
Resistance (ohms)	[Pair 12]	15.7
Insertion Loss Margin (dB)	[Pair 12]	2.2
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0



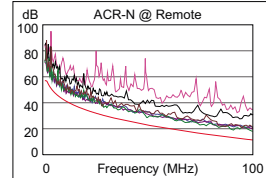
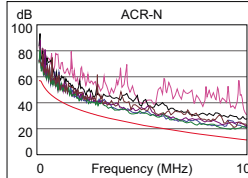
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-78	36-78	36-78	36-78
NEXT (dB)	4.2	3.6	4.2	3.6
Freq. (MHz)	91.8	90.5	91.8	90.5
Limit (dB)	32.9	33.0	32.9	33.0
Worst Pair	36	36	36	36
PS NEXT (dB)	4.0	3.3	4.3	3.8
Freq. (MHz)	67.8	90.5	89.0	100.0
Limit (dB)	32.1	30.0	30.1	29.3



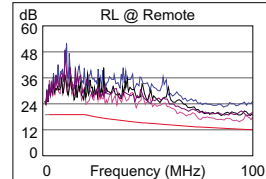
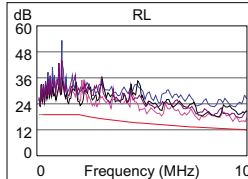
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-78	36-78	36-45	36-45
ACR-F (dB)	6.8	6.8	14.9	15.1
Freq. (MHz)	3.0	8.4	100.0	100.0
Limit (dB)	49.1	40.2	18.6	18.6
Worst Pair	36	36	36	36
PS ACR-F (dB)	8.9	8.7	14.8	14.1
Freq. (MHz)	2.0	10.5	99.0	100.0
Limit (dB)	49.6	35.2	15.7	15.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-78	36-78	36-78	36-78
ACR-N (dB)	6.2	5.6	6.2	6.7
Freq. (MHz)	91.8	49.5	91.8	99.8
Limit (dB)	12.9	23.0	12.9	11.4
Worst Pair	36	36	36	36
PS ACR-N (dB)	6.4	5.4	8.3	6.7
Freq. (MHz)	6.6	10.1	100.0	100.0
Limit (dB)	43.3	39.2	8.3	8.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	36	36	36
RL (dB)	3.3	3.3	3.3	3.4
Freq. (MHz)	96.8	75.0	96.8	93.5
Limit (dB)	12.2	13.3	12.2	12.3



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

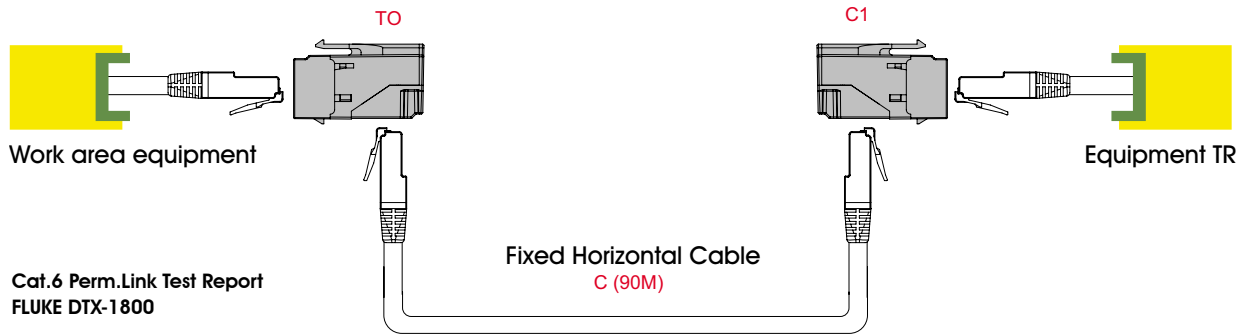
Project: DEFAULT
 Site: Client Name

LinkWare Version 4.0



RTA0958U-3WH.flw

Transmission Performance Test Report



Cable ID: RTA0968U-3WH

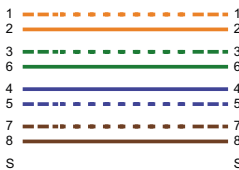
Test Summary: PASS

Date / Time: 08/01/2010 10:11:11am
 Headroom: **2.8 dB (NEXT 12-78)**
 Test Limit: TIA Cat 6 Perm. Link
 Cable Type: CTI(90m)-Cat 6 UTP

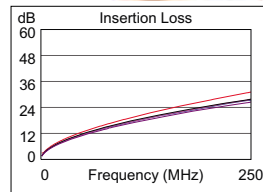
Operator: Sam
 Software Version: 2.2200
 Limits Version: 1.3700
 NVP: 68.2%

Model: DTX-1800
 Main S/N: 9718077
 Remote S/N: 9718078
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

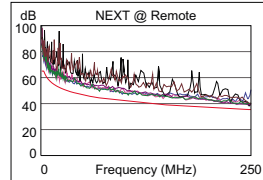
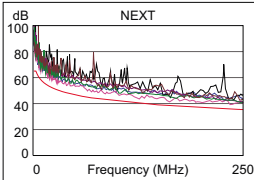
Wire Map (T568B)
PASS



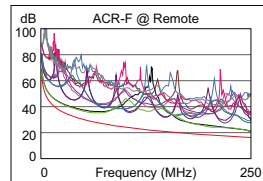
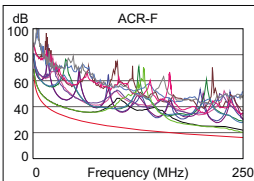
Length (m), Limit 90.0	[Pair 12]	85.7
Prop. Delay (ns), Limit 498		446
Delay Skew (ns), Limit 44		27
Resistance (ohms)	[Pair 36]	12.8
Insertion Loss Margin (dB)	[Pair 45]	3.3
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	31.1



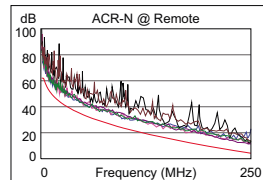
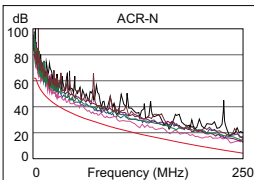
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-45	12-78	12-45	12-78
NEXT (dB)	2.9	2.8	3.1	2.8
Freq. (MHz)	127.5	248.0	235.5	248.0
Limit (dB)	40.1	35.4	35.8	35.4
Worst Pair	12	78	45	78
PS NEXT (dB)	2.8	1.8	3.1	1.8
Freq. (MHz)	162.0	248.0	235.0	248.0
Limit (dB)	35.8	32.8	33.2	32.8



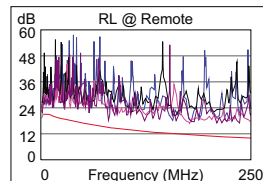
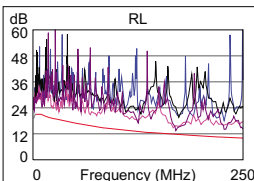
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78-12	78-12	78-12	78-12
ACR-F (dB)	4.0	4.8	4.0	4.8
Freq. (MHz)	247.5	1.3	250.0	250.0
Limit (dB)	16.3	62.3	16.2	16.2
Worst Pair	12	78	12	78
PS ACR-F (dB)	6.4	6.8	6.4	6.8
Freq. (MHz)	250.0	247.5	250.0	247.5
Limit (dB)	13.2	13.3	13.2	13.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-45	12-45	12-45	36-45
ACR-N (dB)	4.7	6.0	6.2	6.8
Freq. (MHz)	127.5	22.1	235.5	247.5
Limit (dB)	18.9	44.0	5.7	4.5
Worst Pair	12	45	45	45
PS ACR-N (dB)	5.4	5.2	7.0	5.2
Freq. (MHz)	162.0	247.5	250.0	247.5
Limit (dB)	11.6	1.9	1.6	1.9



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	78	78	78
RL (dB)	1.7	2.6	1.7	4.6
Freq. (MHz)	170.5	81.0	170.5	181.5
Limit (dB)	11.7	14.9	11.7	11.4



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

LinkWare Version 4.0

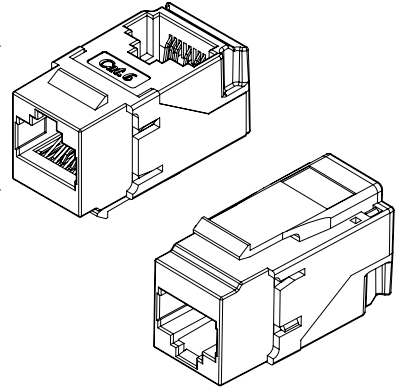
Project: DEFAULT
 Site: Client Name



rta0968u-3wh.flw

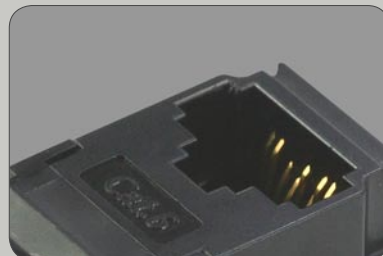
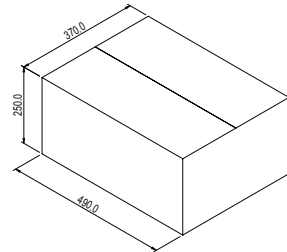
Ordering Information

TA09	XX	X	-	X	XX
58:CAT5e		U : Unshielded		6 : 6 μ	BK : Black
68:CAT6				1 : 15 μ	WH:White
				3 : 30 μ	
				5 : 50 μ	

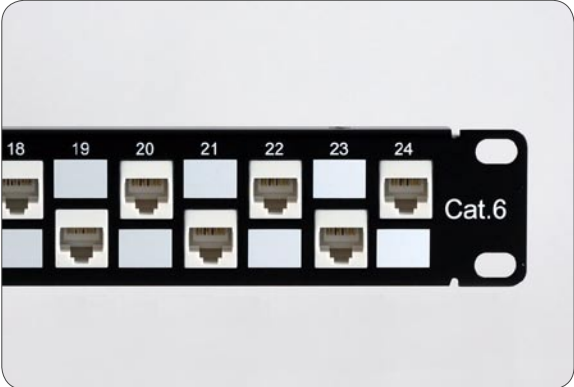


■ Packing:

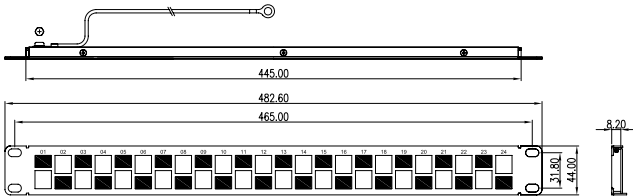
- 1pc/printed bag
- 500pcs/carton



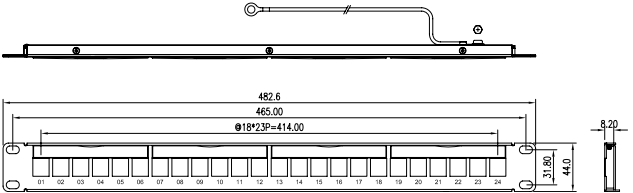
Relative Products



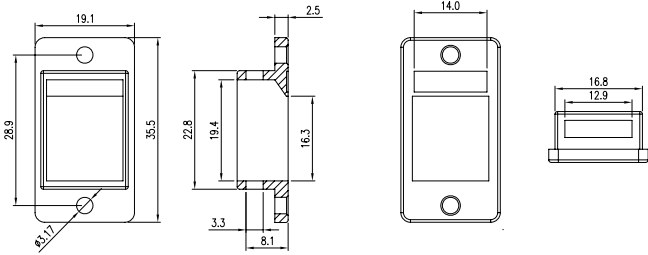
■ ZP24VX



■ KP24XX



■ FG01XX



■ FG0501

