



# Cable ID: CAT5E UTP

# Test Summary: PASS

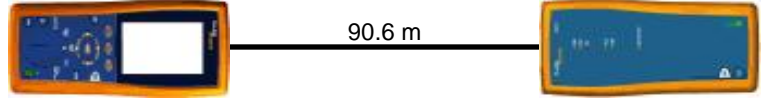
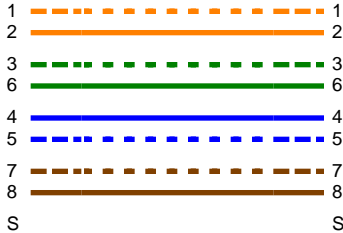
Date / Time: 12/09/2012 04:50:51pm  
**Headroom: 5.1 dB (NEXT 12-78)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

Operator: NAZEMI  
 Software Version: 2.4100  
 Limits Version: 1.6000  
 NVP: 69.0%

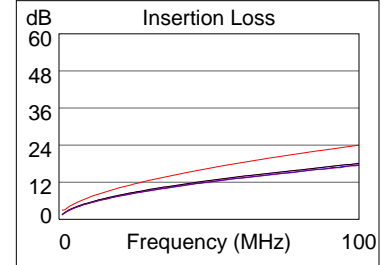
Model: DTX-1800  
 Main S/N: 1533065  
 Remote S/N: 1533066  
 Main Adapter: DTX-CHA002  
 Remote Adapter: DTX-CHA002

### Wire Map (T568B)

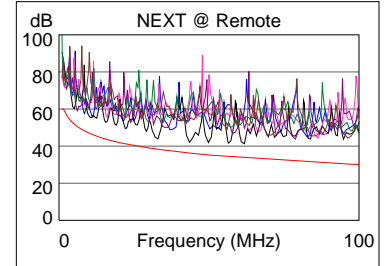
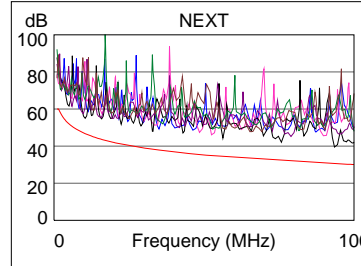
**PASS**



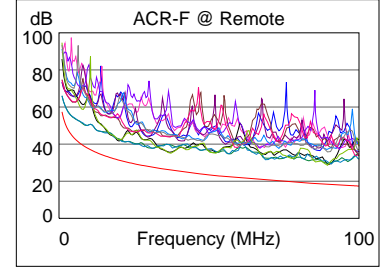
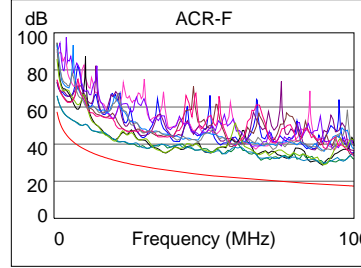
Length (m), Limit 100.0	[Pair 78]	90.6
Prop. Delay (ns), Limit 555		450
Delay Skew (ns), Limit 50		12
Resistance (ohms)	[Pair 36]	16.5
Insertion Loss Margin (dB)	[Pair 36]	5.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



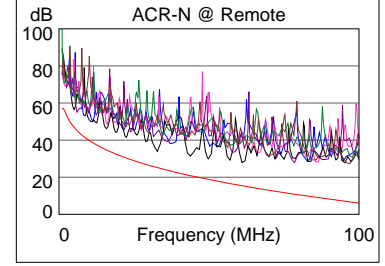
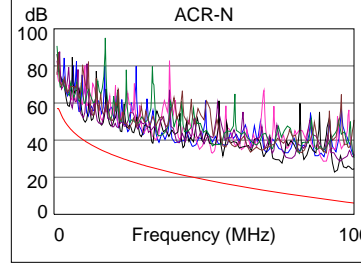
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-78	12-78	12-78	12-78
<b>NEXT (dB)</b>	8.3	5.1	8.4	7.1
Freq. (MHz)	10.1	32.8	93.8	61.3
Limit (dB)	46.9	38.4	30.6	33.7
Worst Pair	78	12	12	12
<b>PS NEXT (dB)</b>	10.8	7.8	11.0	9.7
Freq. (MHz)	4.8	32.5	93.8	61.3
Limit (dB)	49.3	35.4	27.6	30.7



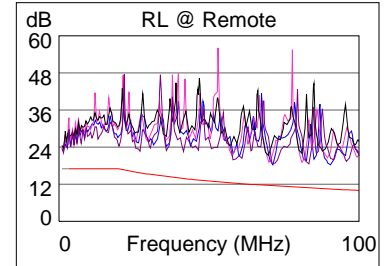
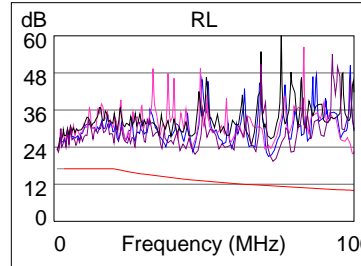
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	12-78	78-12
<b>ACR-F (dB)</b>	8.6	8.6	10.3	10.1
Freq. (MHz)	1.0	1.0	89.3	89.3
Limit (dB)	57.4	57.4	18.4	18.4
Worst Pair	36	36	78	78
<b>PS ACR-F (dB)</b>	10.5	10.4	12.3	12.3
Freq. (MHz)	1.0	1.0	89.5	90.3
Limit (dB)	54.4	54.4	15.4	15.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-78	12-78	12-78	12-78
<b>ACR-N (dB)</b>	10.2	8.7	14.9	19.6
Freq. (MHz)	10.1	32.5	94.0	94.8
Limit (dB)	39.8	25.3	7.3	7.2
Worst Pair	78	12	12	78
<b>PS ACR-N (dB)</b>	12.1	10.9	17.3	20.4
Freq. (MHz)	4.8	10.9	94.0	97.0
Limit (dB)	44.5	36.0	4.3	3.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	78	78	78	78
<b>RL (dB)</b>	6.6	6.4	8.0	6.4
Freq. (MHz)	3.9	71.5	73.0	71.5
Limit (dB)	17.0	11.5	11.4	11.5



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