



# Cable ID: CAT5E HD-PP-PCS

# Test Summary: PASS

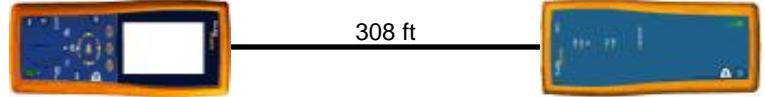
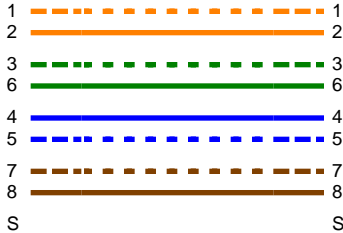
Date / Time: 02/17/2012 04:55:34pm  
 Headroom: 9.1 dB (NEXT 36-45)  
 Test Limit: TIA Cat 5e Channel  
 Cable Type: Cat 5e UTP

Operator: Michael N.  
 Software Version: 2.5200  
 Limits Version: 1.7000  
 NVP: 69.0%

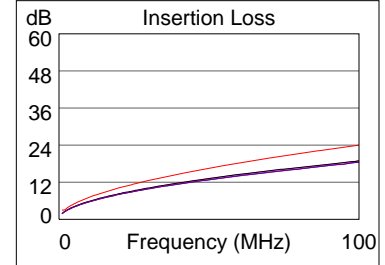
Model: DTX-1800  
 Main S/N: 9503051  
 Remote S/N: 9503052  
 Main Adapter: DTX-CHA002  
 Remote Adapter: DTX-CHA002

### Wire Map (T568B)

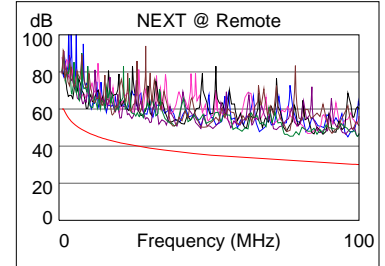
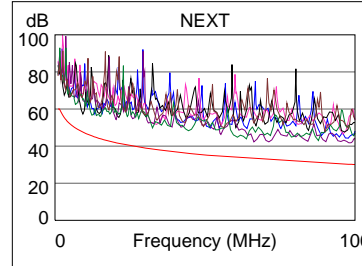
PASS



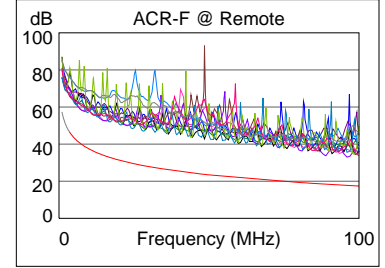
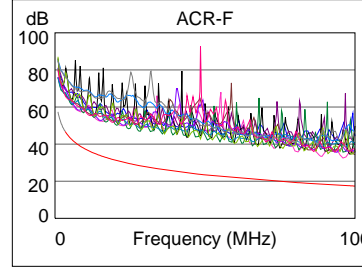
Length (ft), Limit 328	[Pair 78]	308
Prop. Delay (ns), Limit 555		467
Delay Skew (ns), Limit 50		13
Resistance (ohms)	[Pair 45]	17.8
Insertion Loss Margin (dB)	[Pair 36]	5.0
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



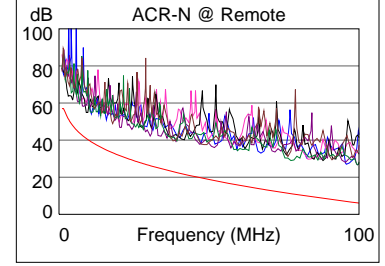
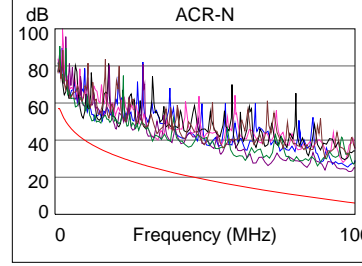
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	12-78	36-45	12-36
<b>NEXT (dB)</b>	9.1	11.5	10.9	14.6
Freq. (MHz)	66.3	3.1	89.8	96.3
Limit (dB)	33.2	55.3	30.9	30.4
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	10.6	12.4	12.2	14.8
Freq. (MHz)	63.5	39.0	97.5	96.0
Limit (dB)	30.5	34.1	27.3	27.4



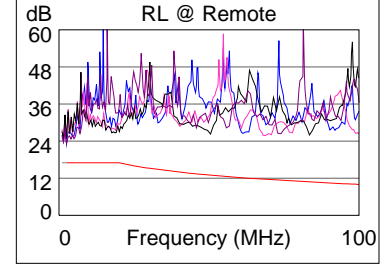
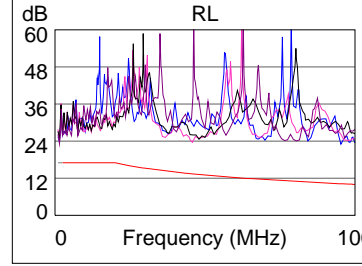
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-45	45-12	12-45	45-12
<b>ACR-F (dB)</b>	14.7	15.1	14.7	15.1
Freq. (MHz)	96.0	96.3	96.3	96.3
Limit (dB)	17.8	17.7	17.7	17.7
Worst Pair	45	12	45	36
<b>PS ACR-F (dB)</b>	15.8	16.8	15.8	16.9
Freq. (MHz)	96.0	87.8	96.3	100.0
Limit (dB)	14.8	15.5	14.7	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-78	12-78	36-45	12-36
<b>ACR-N (dB)</b>	11.2	12.3	16.6	19.6
Freq. (MHz)	9.1	3.1	98.0	96.3
Limit (dB)	40.9	51.4	6.5	6.8
Worst Pair	78	78	36	36
<b>PS ACR-N (dB)</b>	13.1	14.2	17.5	20.0
Freq. (MHz)	9.1	3.1	98.8	99.5
Limit (dB)	37.9	48.4	3.3	3.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	78	78	12	78
<b>RL (dB)</b>	7.6	5.9	12.8	5.9
Freq. (MHz)	2.8	2.8	95.3	2.8
Limit (dB)	17.0	17.0	10.2	17.0



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