



# Cable ID: CAT6 HD-HD

# Test Summary: PASS

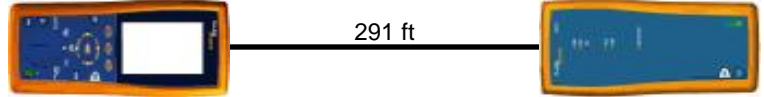
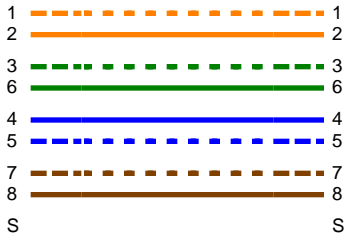
Date / Time: 01/20/2012 04:09:36pm  
 Headroom: 7.6 dB (NEXT 36-78)  
 Test Limit: TIA Cat 6 Perm. Link  
 Cable Type: Cat 6 UTP

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

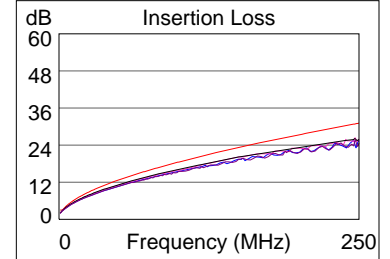
Model: DTX-1800  
 Main S/N: 9503051  
 Remote S/N: 9503052  
 Main Adapter: DTX-PLA002  
 Remote Adapter: DTX-PLA002

## Wire Map (T568B)

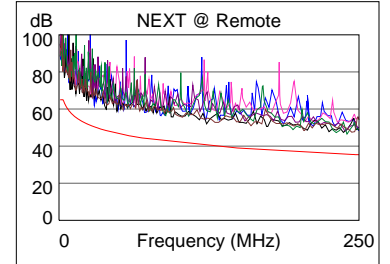
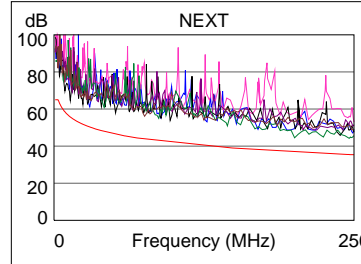
**PASS**



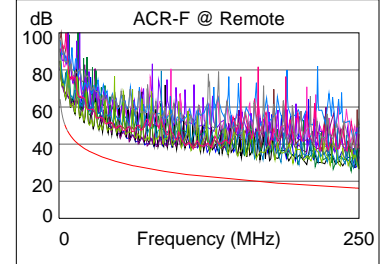
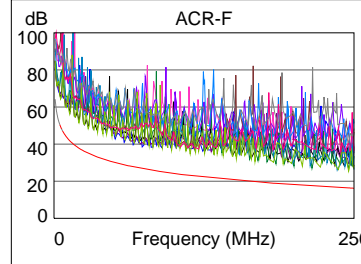
Length (ft), Limit 295	[Pair 78]	291
Prop. Delay (ns), Limit 498		449
Delay Skew (ns), Limit 44		20
Resistance (ohms)	[Pair 36]	13.4
Insertion Loss Margin (dB)	[Pair 36]	4.6
Frequency (MHz)	[Pair 36]	247.0
Limit (dB)	[Pair 36]	30.9



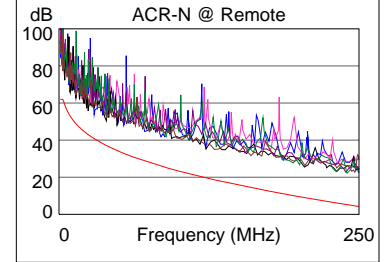
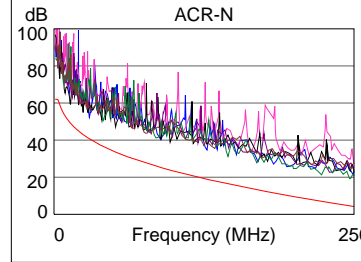
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-78	36-78	36-78	36-78
<b>NEXT (dB)</b>	7.6	10.9	8.7	10.9
Freq. (MHz)	200.5	239.5	246.0	239.5
Limit (dB)	36.9	35.6	35.5	35.6
Worst Pair	78	78	36	78
<b>PS NEXT (dB)</b>	8.9	10.0	9.1	10.0
Freq. (MHz)	201.0	231.5	241.0	231.5
Limit (dB)	34.3	33.3	33.0	33.3



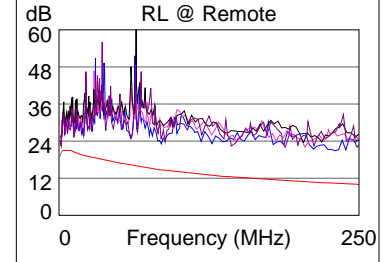
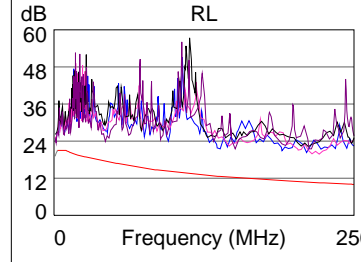
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>ACR-F (dB)</b>	8.7	8.9	8.8	8.9
Freq. (MHz)	237.0	236.0	244.5	243.5
Limit (dB)	16.7	16.7	16.4	16.5
Worst Pair	12	36	12	36
<b>PS ACR-F (dB)</b>	10.6	10.8	10.6	10.8
Freq. (MHz)	245.5	245.0	245.5	245.0
Limit (dB)	13.4	13.4	13.4	13.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-78	12-36	36-78	36-78
<b>ACR-N (dB)</b>	9.8	12.6	14.6	16.2
Freq. (MHz)	13.5	29.4	246.5	239.5
Limit (dB)	49.3	40.8	4.6	5.3
Worst Pair	12	78	36	36
<b>PS ACR-N (dB)</b>	11.2	13.1	14.9	15.1
Freq. (MHz)	13.5	9.3	246.5	239.5
Limit (dB)	46.9	50.7	2.0	2.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	78	78	36	12
<b>RL (dB)</b>	3.3	4.2	9.0	9.8
Freq. (MHz)	3.6	12.5	214.0	228.0
Limit (dB)	21.0	20.5	10.7	10.4



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