



**Cable ID: Cat6 CMP Rated**

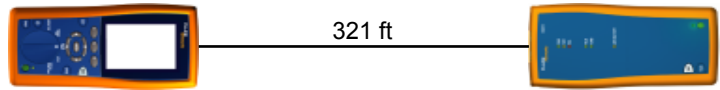
Date / Time: 04/18/2013 04:29:45 PM  
 Headroom 5.5 dB (NEXT 12-36)  
 Test Limit: TIA Cat 6 Channel  
 Cable Type: Cat 6 UTP

Operator: JTM  
 Software Version: 2.5200  
 Limits Version: 1.7000  
 NVP: 69.0%

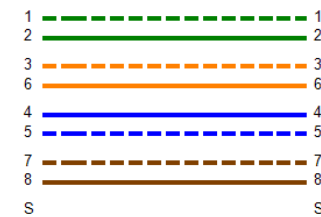
**Test Summary: PASS**

Model: DTX-1800  
 Main S/N: 1978619  
 Remote S/N: 1978620  
 Main Adapter: DTX-CHA002  
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	321
Prop. Delay (ns), Limit 555	[Pair 45]	487
Delay Skew (ns), Limit 50	[Pair 45]	14
Resistance (ohms)	[Pair 45]	14.4
Insertion Loss Margin (dB)	[Pair 45]	5.6
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	35.9

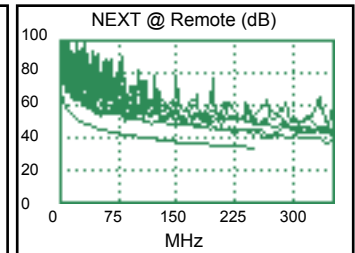
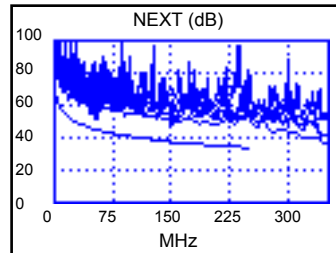


Wire Map (T568A)  
**PASS**

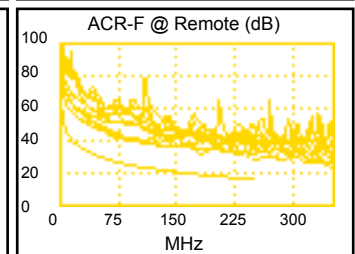
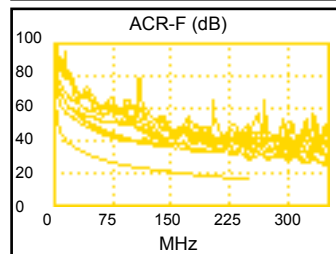


Worst Case Margin Worst Case Value

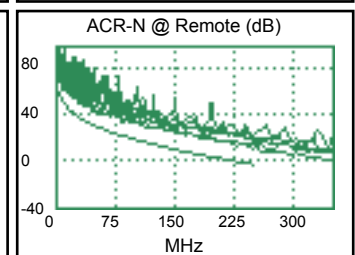
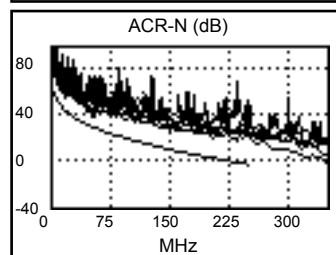
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-36	12-36	12-36	36-45
<b>NEXT (dB)</b>	5.5	7.4	9.4	7.4
Freq. (MHz)	53.5	84.0	150.5	249.0
Limit (dB)	44.5	41.2	36.9	33.1
Worst Pair	36	45	36	45
<b>PS NEXT (dB)</b>	7.3	8.2	13.2	8.2
Freq. (MHz)	53.3	249.5	206.0	249.5
Limit (dB)	41.8	30.2	31.6	30.2



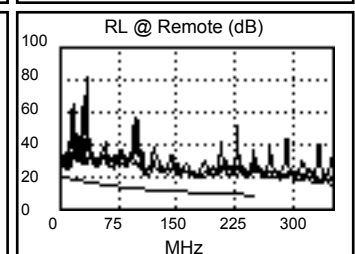
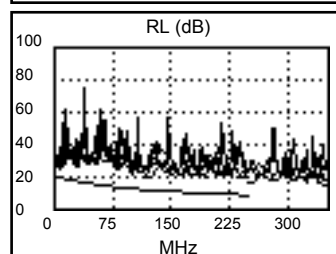
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	45-36	36-45
<b>ACR-F (dB)</b>	12.4	11.6	12.4	11.6
Freq. (MHz)	250.0	250.0	250.0	250.0
Limit (dB)	15.3	15.3	15.3	15.3
Worst Pair	36	45	36	45
<b>PS ACR-F (dB)</b>	13.4	15.2	13.4	15.2
Freq. (MHz)	250.0	250.0	250.0	250.0
Limit (dB)	12.3	12.3	12.3	12.3



	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-36	12-36	36-45	36-45
<b>ACR-N (dB)</b>	7.7	9.8	19.1	13.0
Freq. (MHz)	53.5	2.1	236.0	249.5
Limit (dB)	29.4	62.0	-1.2	-2.8
Worst Pair	36	12	45	45
<b>PS ACR-N (dB)</b>	9.5	11.1	20.7	13.8
Freq. (MHz)	53.3	43.5	236.0	249.5
Limit (dB)	26.7	29.7	-4.1	-5.7



	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36	36	78	78
<b>RL (dB)</b>	5.2	4.6	8.4	9.3
Freq. (MHz)	7.5	7.5	249.5	184.5
Limit (dB)	19.0	19.0	8.0	9.3



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

LinkWare Version 7.4

