



**Cable ID: Cat6 CMP Rated**

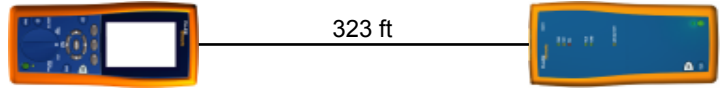
Date / Time: 04/18/2013 03:34:06 PM  
**Headroom 3.9 dB (NEXT 12-36)**  
**Test Limit: TIA Cat 6 Channel**  
 Cable Type: Cat 6 UTP

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

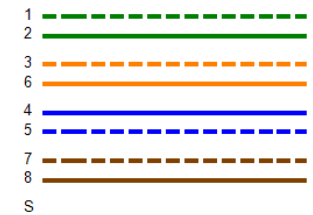
**Test Summary: PASS**

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]	323
Prop. Delay (ns), Limit 555	[Pair 45]	490
Delay Skew (ns), Limit 50	[Pair 45]	15
Resistance (ohms)	[Pair 45]	14.4
Insertion Loss Margin (dB)	[Pair 45]	5.5
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	35.9

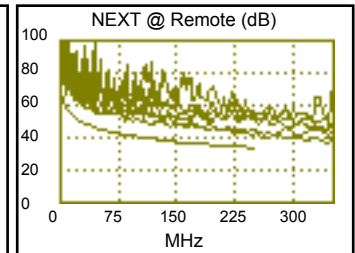
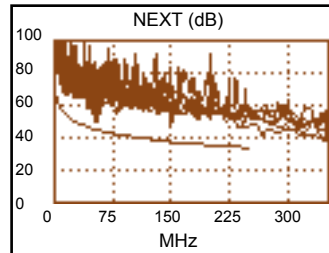


Wire Map (T568A)  
**PASS**

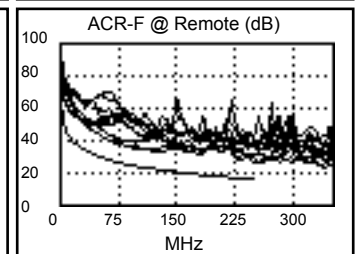
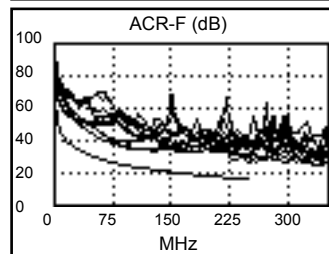


Worst Case Margin Worst Case Value

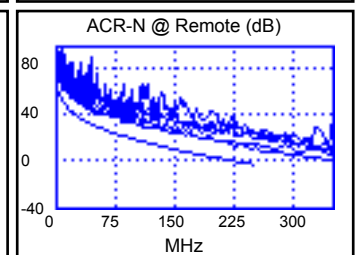
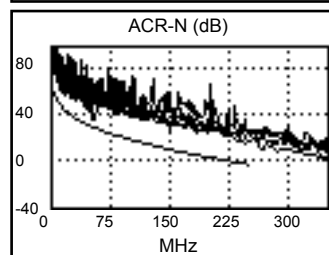
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-45	36-45	36-45
<b>NEXT (dB)</b>	3.9	7.1	11.4	7.1
Freq. (MHz)	53.5	248.5	245.5	248.5
Limit (dB)	44.5	33.2	33.3	33.2
Worst Pair	12	12	36	45
<b>PS NEXT (dB)</b>	6.4	8.2	13.0	8.5
Freq. (MHz)	53.5	43.5	244.5	249.0
Limit (dB)	41.7	43.3	30.3	30.2



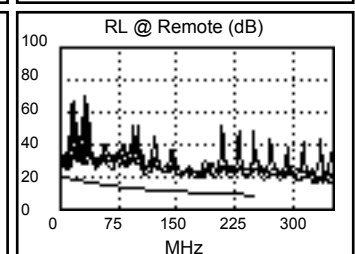
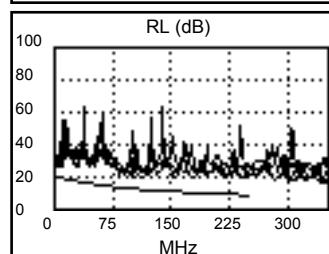
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
<b>ACR-F (dB)</b>	10.6	9.7	10.6	9.7
Freq. (MHz)	250.0	250.0	250.0	250.0
Limit (dB)	15.3	15.3	15.3	15.3
Worst Pair	36	36	36	45
<b>PS ACR-F (dB)</b>	11.7	12.1	11.7	13.2
Freq. (MHz)	250.0	87.8	250.0	250.0
Limit (dB)	12.3	21.4	12.3	12.3



<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-45	36-45
<b>ACR-N (dB)</b>	6.0	9.5	16.8	12.6
Freq. (MHz)	53.5	4.3	245.5	248.5
Limit (dB)	29.4	58.5	-2.3	-2.7
Worst Pair	12	12	36	45
<b>PS ACR-N (dB)</b>	8.3	10.0	19.4	14.0
Freq. (MHz)	53.5	43.5	245.5	249.0
Limit (dB)	26.6	29.7	-5.3	-5.7



<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	45
<b>RL (dB)</b>	5.8	4.5	8.3	9.2
Freq. (MHz)	7.5	7.5	179.0	176.0
Limit (dB)	19.0	19.0	9.5	9.5



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

LinkWare Version 7.4

