



### Cable ID: P-9

### Test Summary: PASS

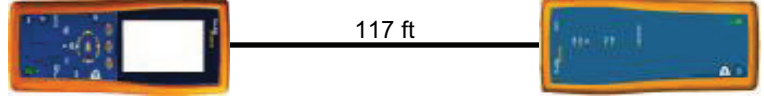
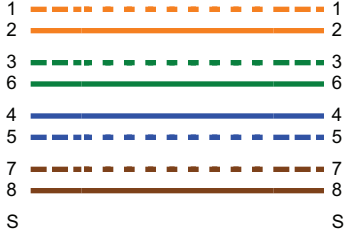
Date / Time: 12/03/2010 10:10:45am  
**Headroom: 6.0 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 UTP

Operator: EMERY COMMUNICATIONS INC.  
 Software Version: 2.2200  
 Limits Version: 1.3700  
 NVP: 69.0%

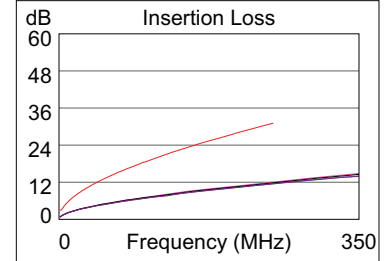
Model: DTX-1800  
 Main S/N: 9954117  
 Remote S/N: 9954118  
 Main Adapter: DTX-PLA002  
 Remote Adapter: DTX-PLA002

#### Wire Map (T568B)

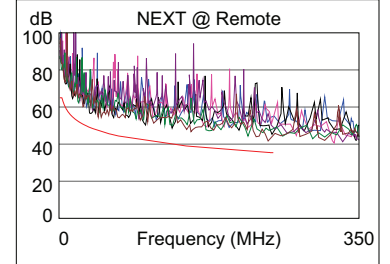
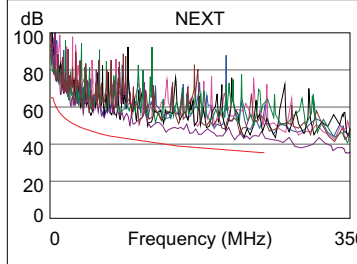
**PASS**



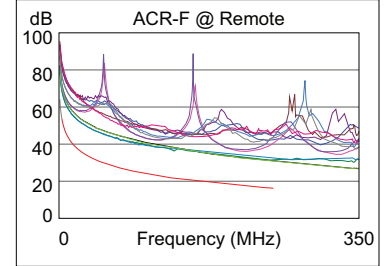
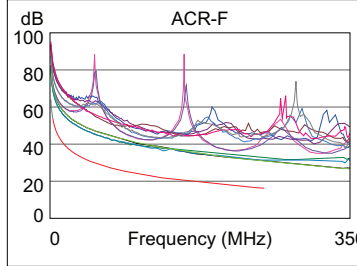
Length (ft), Limit 295	[Pair 45]	117
Prop. Delay (ns), Limit 498		183
Delay Skew (ns), Limit 44		10
Resistance (ohms)	[Pair 36]	5.5
Insertion Loss Margin (dB)	[Pair 36]	19.1
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	31.1



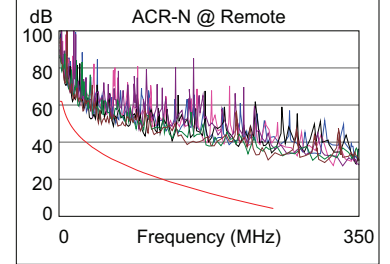
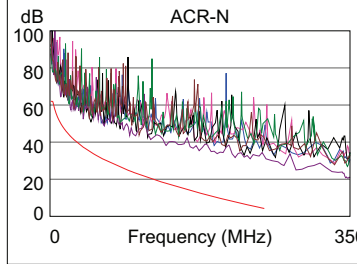
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	45-78	36-45	45-78
<b>NEXT (dB)</b>	6.0	6.2	6.3	6.2
Freq. (MHz)	200.5	244.0	234.5	244.0
Limit (dB)	36.9	35.5	35.8	35.5
Worst Pair	45	78	36	78
<b>PS NEXT (dB)</b>	7.4	7.5	7.7	7.5
Freq. (MHz)	200.5	46.0	234.5	244.0
Limit (dB)	34.3	44.8	33.2	32.9



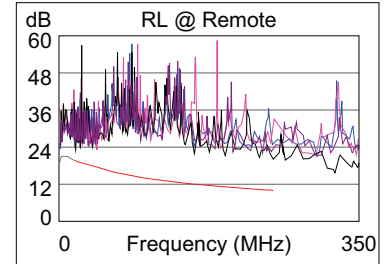
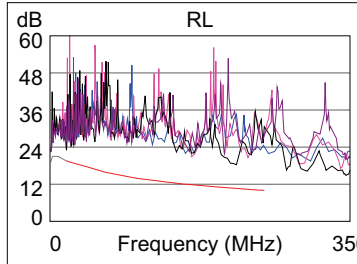
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	78-12	78-12	78-12	12-78
<b>ACR-F (dB)</b>	14.3	14.3	14.3	14.4
Freq. (MHz)	248.5	229.5	248.5	248.0
Limit (dB)	16.3	17.0	16.3	16.3
Worst Pair	45	45	12	12
<b>PS ACR-F (dB)</b>	15.9	15.7	16.5	16.3
Freq. (MHz)	100.0	112.5	242.0	229.5
Limit (dB)	21.2	20.2	13.5	14.0



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	36-45	12-78	36-45	45-78
<b>ACR-N (dB)</b>	13.9	13.8	24.9	25.6
Freq. (MHz)	12.5	36.5	234.5	244.0
Limit (dB)	50.1	38.1	5.8	4.8
Worst Pair	45	78	36	78
<b>PS ACR-N (dB)</b>	15.0	13.9	26.1	26.9
Freq. (MHz)	12.8	16.1	234.5	244.0
Limit (dB)	47.5	45.1	3.2	2.2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45	45	45	45
<b>RL (dB)</b>	3.8	3.5	7.6	9.1
Freq. (MHz)	19.4	19.4	211.5	248.5
Limit (dB)	19.6	19.6	10.7	10.0



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