



**Cable ID: FAIL**

**Test Summary: FAIL**

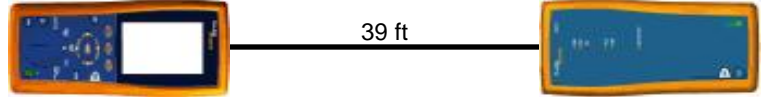
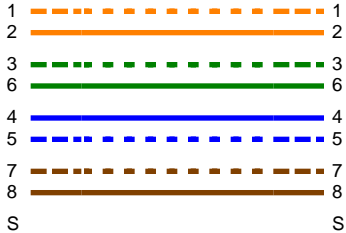
Date / Time: 03/25/2011 08:45:05pm  
 Headroom: **-0.5 dB (NEXT 12-36)**  
 Test Limit: TIA Cat 5e Perm. Link  
 Cable Type: Cat 5e UTP

Operator: SCOTT DAVIES  
 Software Version: 2.4100  
 Limits Version: 1.6000  
 NVP: 69.0%

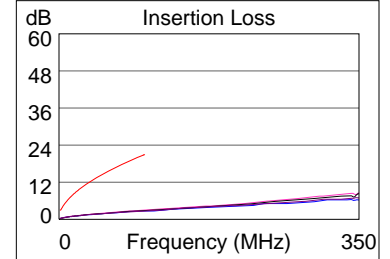
Model: DTX-1800  
 Main S/N: 1582417  
 Remote S/N: 1582418  
 Main Adapter: DTX-PLA002  
 Remote Adapter: DTX-PLA002

Wire Map (T568B)

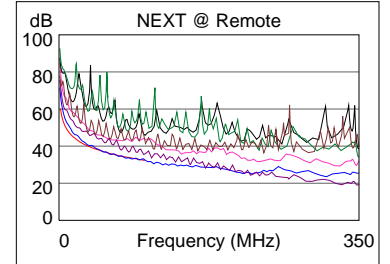
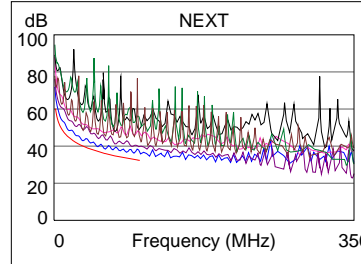
**PASS**



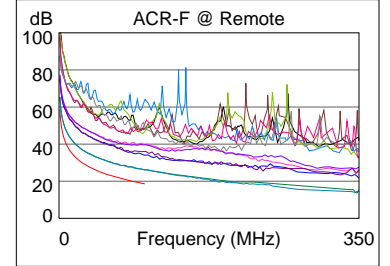
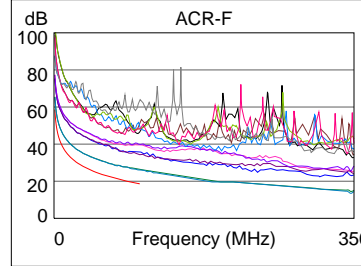
Length (ft), Limit 295	[Pair 36]	39
Prop. Delay (ns), Limit 498		61
Delay Skew (ns), Limit 44		4
Resistance (ohms)	[Pair 36]	2.4
Insertion Loss Margin (dB)	[Pair 36]	18.0
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	21.0



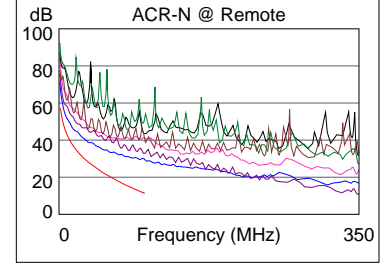
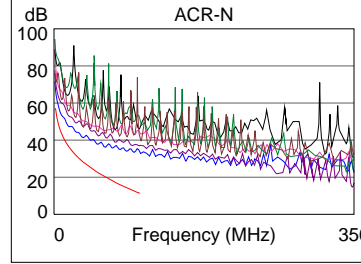
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>FAIL</b>				
Worst Pair	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	2.3	<b>-0.5 F</b>	3.4	-0.3
Freq. (MHz)	59.0	69.8	93.3	93.3
Limit (dB)	36.1	34.9	32.8	32.8
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	4.1	1.1	4.8	1.5
Freq. (MHz)	59.8	79.8	93.3	99.8
Limit (dB)	33.0	30.9	29.8	29.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	45-36	36-45
<b>ACR-F (dB)</b>	6.8	6.8	7.2	7.4
Freq. (MHz)	1.1	1.1	99.3	99.3
Limit (dB)	57.6	57.6	18.7	18.7
Worst Pair	36	36	36	45
<b>PS ACR-F (dB)</b>	9.3	9.4	9.8	10.0
Freq. (MHz)	71.3	1.1	99.3	99.3
Limit (dB)	18.6	54.6	15.7	15.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	9.3	8.3	20.7	17.0
Freq. (MHz)	2.0	6.3	93.3	93.8
Limit (dB)	56.5	46.9	12.6	12.5
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	11.0	10.0	22.1	19.4
Freq. (MHz)	2.0	6.3	93.3	99.8
Limit (dB)	53.5	43.9	9.6	8.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36	36	36	36
<b>RL (dB)</b>	5.9	3.0	5.9	3.0
Freq. (MHz)	93.8	95.8	93.8	95.8
Limit (dB)	12.3	12.2	12.3	12.2

