



# Cable ID: 161

# Test Summary: PASS

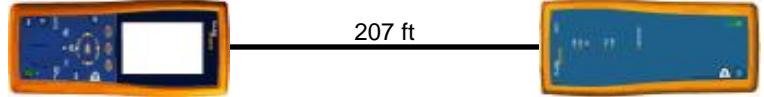
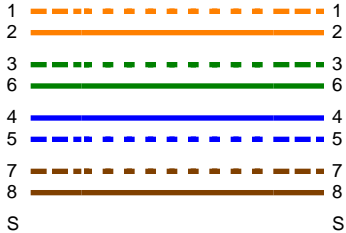
Date / Time: 09/20/2010 03:36:20pm  
**Headroom: 5.7 dB (NEXT 12-36)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 UTP

Operator: Your Name  
 Software Version: 2.2400  
 Limits Version: 1.3700  
 NVP: 69.0%

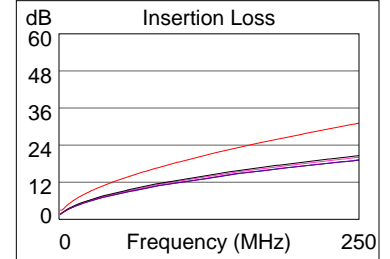
Model: DTX-1800  
 Main S/N: 1328025  
 Remote S/N: 1328026  
 Main Adapter: DTX-PLA002  
 Remote Adapter: DTX-PLA002

### Wire Map (T568B)

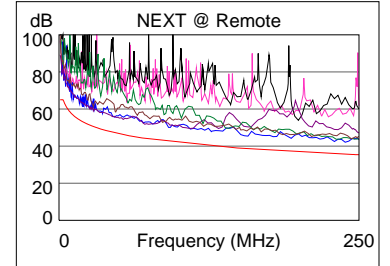
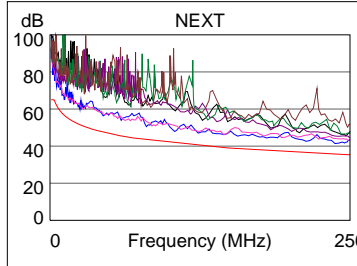
**PASS**



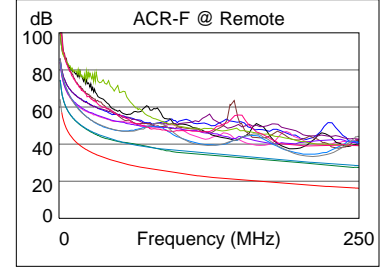
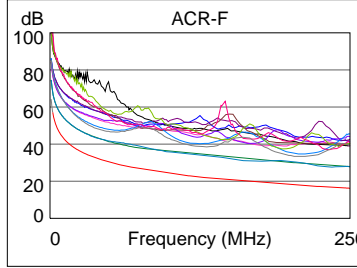
Length (ft), Limit 295	[Pair 78]	207
Prop. Delay (ns), Limit 498		317
Delay Skew (ns), Limit 44		12
Resistance (ohms)	[Pair 45]	10.3
Insertion Loss Margin (dB)	[Pair 45]	10.5
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	31.1



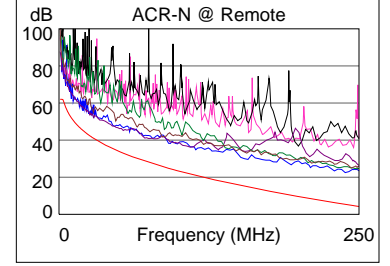
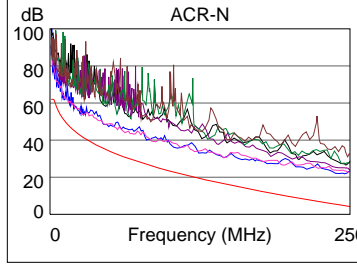
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	5.7	6.2	5.7	6.2
Freq. (MHz)	237.5	239.0	237.5	239.0
Limit (dB)	35.7	35.7	35.7	35.7
Worst Pair	12	36	12	36
<b>PS NEXT (dB)</b>	5.8	6.3	5.9	6.3
Freq. (MHz)	237.0	231.0	245.5	231.0
Limit (dB)	33.1	33.3	32.8	33.3



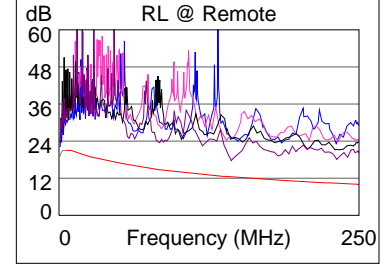
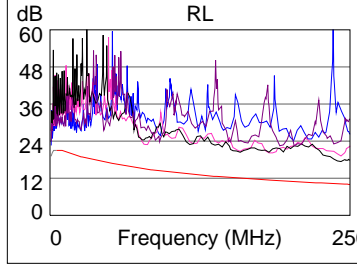
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	45-36	36-45
<b>ACR-F (dB)</b>	10.7	10.2	10.7	10.2
Freq. (MHz)	2.4	227.0	234.0	233.5
Limit (dB)	56.7	17.1	16.8	16.8
Worst Pair	45	45	36	45
<b>PS ACR-F (dB)</b>	12.5	12.6	13.1	13.0
Freq. (MHz)	34.0	32.3	234.0	226.0
Limit (dB)	30.6	31.0	13.8	14.1



	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>	9.8	9.7	16.4	16.9
Freq. (MHz)	11.9	12.0	239.0	239.0
Limit (dB)	50.6	50.5	5.4	5.4
Worst Pair	12	36	36	36
<b>PS ACR-N (dB)</b>	10.6	10.6	17.3	18.1
Freq. (MHz)	10.4	11.9	245.5	250.0
Limit (dB)	49.6	48.2	2.1	1.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	78	78	45	78
<b>RL (dB)</b>	6.9	5.2	7.0	5.2
Freq. (MHz)	11.3	144.0	242.0	144.0
Limit (dB)	20.7	12.4	10.2	12.4



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



# Cable ID: FLOOR 2/035

# Test Summary: PASS

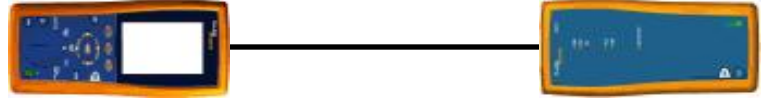
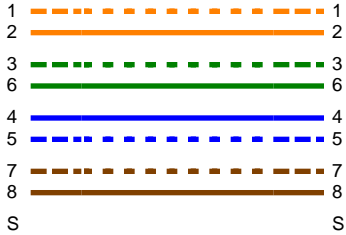
Date / Time: 09/18/2008 01:17:36pm  
**Headroom: 7.8 dB (NEXT 45-78)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e UTP

Operator: MICHAEL GLADMAN  
 Software Version: 2.0400  
 Limits Version: 1.2000  
 NVP: 69.0%

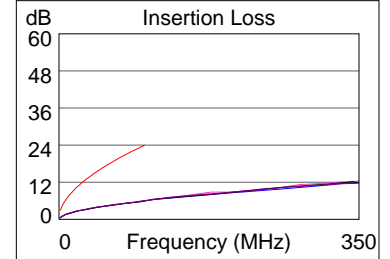
Model: DTX-1800  
 Main S/N: 9449099  
 Remote S/N: 9449100  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

### Wire Map (T568B)

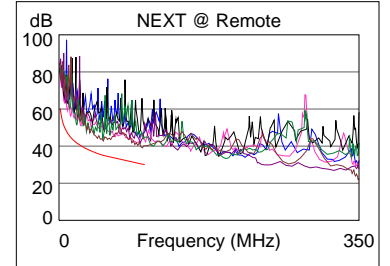
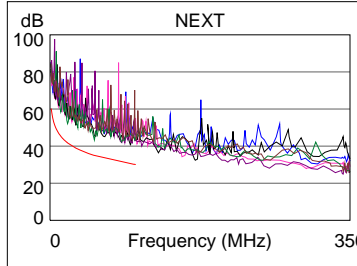
**PASS**



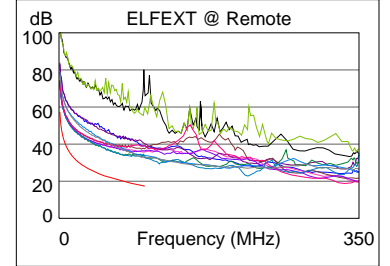
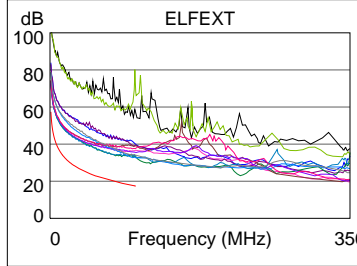
Length (ft), Limit 328	[Pair 45]	100
Prop. Delay (ns), Limit 555	[Pair 78]	152
Delay Skew (ns), Limit 50	[Pair 78]	4
Resistance (ohms)	[Pair 45]	5.5
Insertion Loss Margin (dB)	[Pair 36]	18.0
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



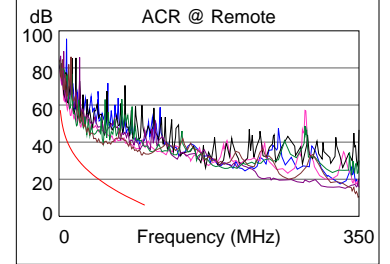
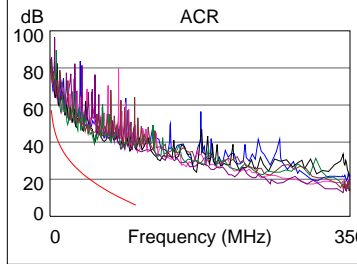
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-78	45-78	12-78	45-78
<b>NEXT (dB)</b>	8.1	7.8	10.1	8.4
Freq. (MHz)	51.3	44.0	93.8	96.5
Limit (dB)	35.1	36.2	30.6	30.3
Worst Pair	78	78	12	45
<b>PSNEXT (dB)</b>	8.6	7.6	10.4	9.6
Freq. (MHz)	51.8	51.8	94.0	95.5
Limit (dB)	32.0	32.0	27.5	27.4



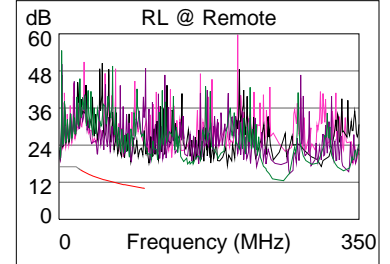
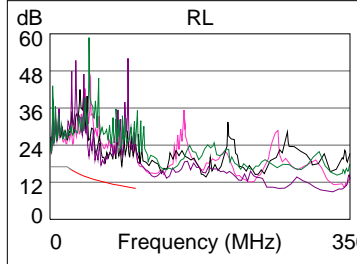
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	45-36	45-78	45-36
<b>ELFEXT (dB)</b>	13.9	13.8	14.9	15.2
Freq. (MHz)	76.3	76.3	95.8	97.3
Limit (dB)	19.8	19.8	17.8	17.6
Worst Pair	45	45	45	45
<b>PSELFEXT (dB)</b>	14.1	14.0	14.9	14.5
Freq. (MHz)	75.3	63.3	97.0	100.0
Limit (dB)	16.9	18.4	14.7	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-45	12-45	12-78	45-78
<b>ACR (dB)</b>	16.1	16.9	27.5	26.0
Freq. (MHz)	1.8	5.8	93.8	96.5
Limit (dB)	56.4	45.6	7.4	6.8
Worst Pair	12	12	12	45
<b>PSACR (dB)</b>	17.0	17.9	27.9	27.4
Freq. (MHz)	1.8	5.8	94.0	96.5
Limit (dB)	53.4	42.6	4.3	3.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45	36	36	36
<b>RL (dB)</b>	5.0	7.6	6.3	7.6
Freq. (MHz)	59.8	84.0	84.0	84.0
Limit (dB)	12.2	10.8	10.8	10.8



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