



# Cable ID: MATA-CAT5E-FTP

**Test Summary: PASS**

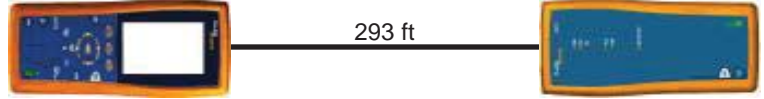
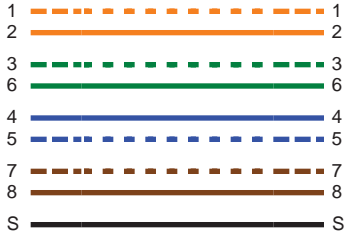
Date / Time: 08/09/2012 04:13:55pm  
 Headroom: 3.3 dB (NEXT 36-78)  
 Test Limit: TIA Cat 5e Channel  
 Cable Type: Cat 5e FTP

Operator: Your Name  
 Software Version: 2.5200  
 Limits Version: 1.7000  
 NVP: 69.0%

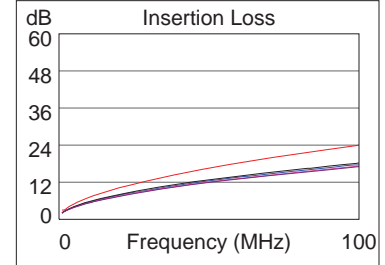
Model: DTX-1800  
 Main S/N: 1739325  
 Remote S/N: 1739326  
 Main Adapter: DTX-CHA002  
 Remote Adapter: DTX-CHA002

Wire Map (T568B)

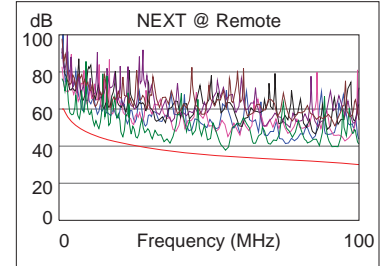
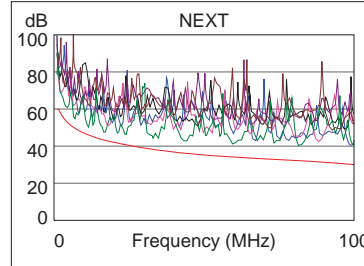
**PASS**



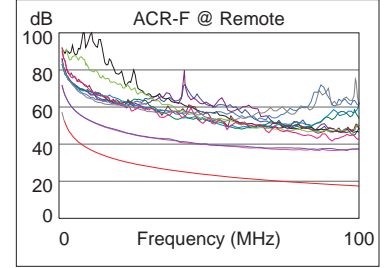
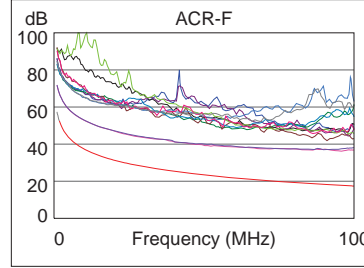
Length (ft), Limit 328	[Pair 78]	293
Prop. Delay (ns), Limit 555		457
Delay Skew (ns), Limit 50		26
Resistance (ohms)	[Pair 45]	17.4
Insertion Loss Margin (dB)	[Pair 45]	5.8
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0



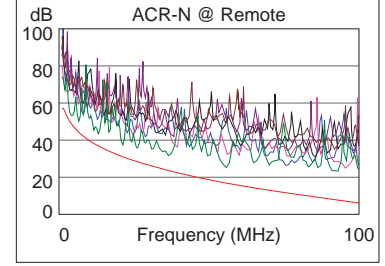
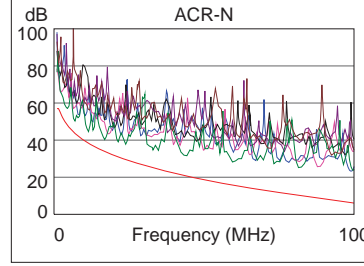
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-78	36-78	36-78	36-78
<b>NEXT (dB)</b>	3.9	3.3	8.8	3.3
Freq. (MHz)	16.8	55.5	81.5	55.5
Limit (dB)	43.3	34.5	31.6	34.5
Worst Pair	78	78	36	36
<b>PS NEXT (dB)</b>	6.5	6.1	10.7	6.3
Freq. (MHz)	16.8	3.9	99.5	55.5
Limit (dB)	40.3	50.8	27.1	31.5



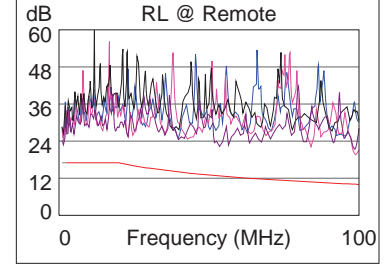
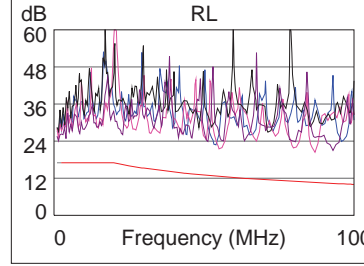
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-45	45-12	12-45	12-45
<b>ACR-F (dB)</b>	14.8	14.8	18.4	18.2
Freq. (MHz)	1.8	2.1	95.5	89.8
Limit (dB)	52.5	50.9	17.8	18.3
Worst Pair	45	45	12	12
<b>PS ACR-F (dB)</b>	17.6	17.6	20.8	20.7
Freq. (MHz)	3.0	3.0	89.8	96.0
Limit (dB)	44.9	44.9	15.3	14.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	36-78	36-78	12-36	36-78
<b>ACR-N (dB)</b>	6.2	4.3	17.0	15.2
Freq. (MHz)	11.5	3.9	99.0	91.5
Limit (dB)	38.4	49.4	6.3	7.9
Worst Pair	78	78	36	36
<b>PS ACR-N (dB)</b>	8.9	7.0	17.4	18.9
Freq. (MHz)	11.5	3.9	99.5	100.0
Limit (dB)	35.4	46.4	3.2	3.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	78	78	36	36
<b>RL (dB)</b>	7.5	8.4	9.8	9.6
Freq. (MHz)	2.8	2.8	87.0	98.8
Limit (dB)	17.0	17.0	10.6	10.1



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