



# Cable ID: CAT6 SFTP

# Test Summary: PASS

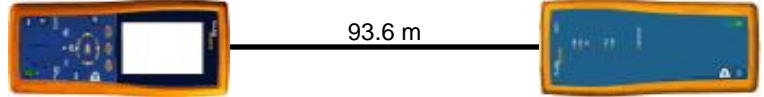
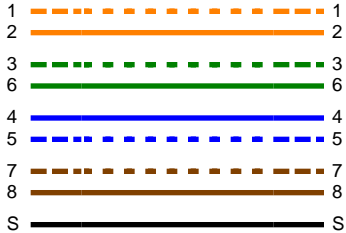
Date / Time: 12/09/2012 04:53:11pm  
**Headroom: 4.8 dB (NEXT 12-45)**  
**Test Limit: TIA Cat 6 Channel**  
 Cable Type: Cat 6 FTP

Operator: NAZEMI  
 Software Version: 2.4100  
 Limits Version: 1.6000  
 NVP: 70.0%

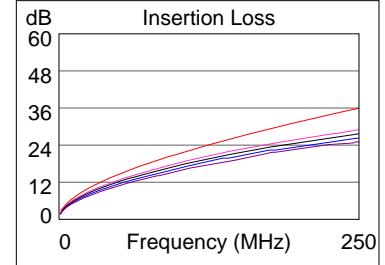
Model: DTX-1800  
 Main S/N: 1533065  
 Remote S/N: 1533066  
 Main Adapter: DTX-CHA002  
 Remote Adapter: DTX-CHA002

### Wire Map (T568B)

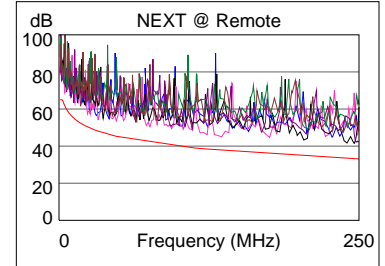
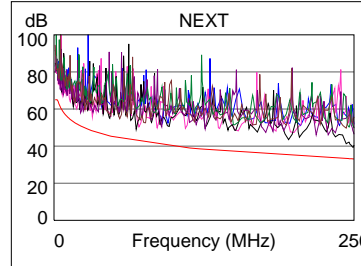
**PASS**



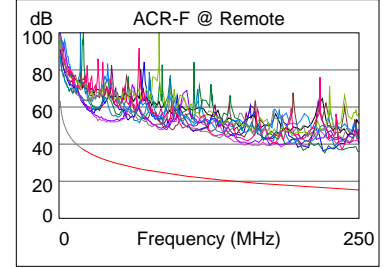
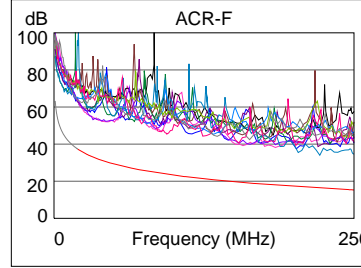
Length (m), Limit 100.0	[Pair 78]	93.6
Prop. Delay (ns), Limit 555		492
Delay Skew (ns), Limit 50		46
Resistance (ohms)	[Pair 36]	14.0
Insertion Loss Margin (dB)	[Pair 36]	6.9
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9



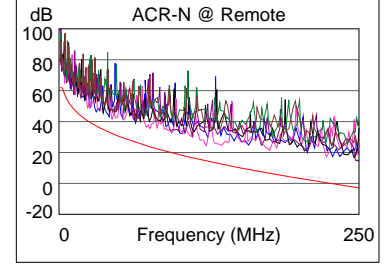
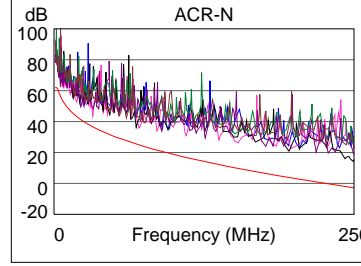
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-45	12-45	12-78	12-78
<b>NEXT (dB)</b>	4.8	5.6	6.3	8.1
Freq. (MHz)	32.5	122.5	249.0	239.5
Limit (dB)	48.1	38.4	33.1	33.4
Worst Pair	45	12	78	45
<b>PS NEXT (dB)</b>	6.1	6.9	8.7	10.3
Freq. (MHz)	32.5	25.8	249.0	248.0
Limit (dB)	45.4	47.1	30.2	30.2



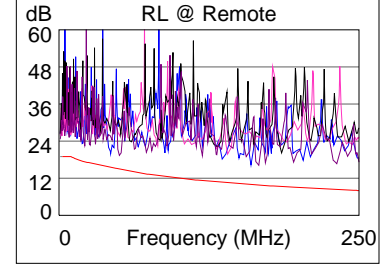
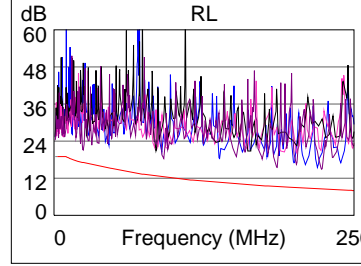
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	36-45	45-36	36-45
<b>ACR-F (dB)</b>	17.7	18.9	17.7	18.9
Freq. (MHz)	221.0	221.0	221.5	221.0
Limit (dB)	16.4	16.4	16.3	16.4
Worst Pair	36	45	36	45
<b>PS ACR-F (dB)</b>	17.8	20.2	17.8	20.4
Freq. (MHz)	203.0	203.0	203.0	221.5
Limit (dB)	14.1	14.1	14.1	13.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	36-45	12-45	12-78	36-45
<b>ACR-N (dB)</b>	6.4	7.6	17.1	17.2
Freq. (MHz)	5.4	4.8	249.5	248.0
Limit (dB)	56.3	57.5	-2.8	-2.6
Worst Pair	45	12	12	36
<b>PS ACR-N (dB)</b>	7.9	9.0	18.5	18.3
Freq. (MHz)	32.5	25.8	249.5	249.0
Limit (dB)	33.8	36.8	-5.7	-5.7



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	78	78	78	78
<b>RL (dB)</b>	3.7	3.7	6.4	4.7
Freq. (MHz)	24.1	51.3	223.0	165.0
Limit (dB)	17.1	14.9	8.5	9.8



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