



### Cable ID: D22

### Test Summary: FAIL

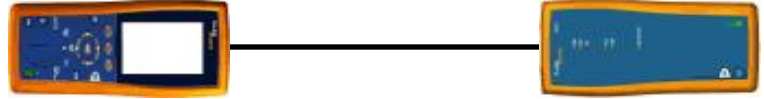
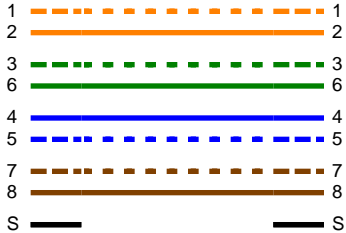
Date / Time: 08/06/2007 06:22:39am  
**Headroom: 4.1 dB (NEXT 12-36)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 FTP

Operator: NICOLAS HEINEN  
 Software Version: 1.4100  
 Limits Version: 1.0400  
 NVP: 70.0%

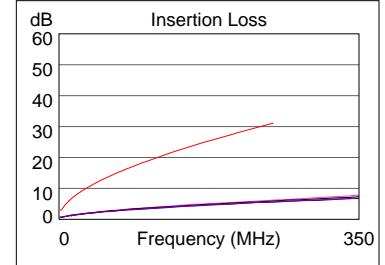
Model: DTX-1800  
 Main S/N: 9414041  
 Remote S/N: 9414042  
 Main Adapter: DTX-PLA002  
 Remote Adapter: DTX-PLA002

#### Wire Map (T568B)

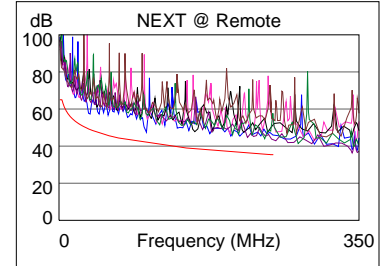
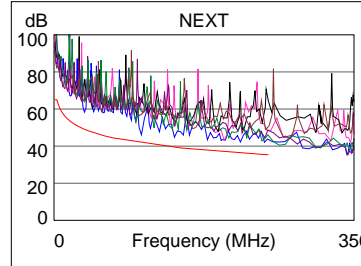
**FAIL**



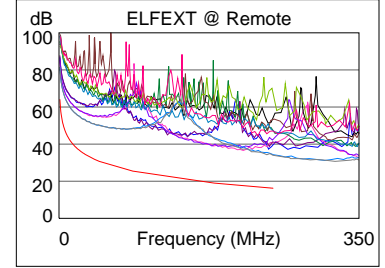
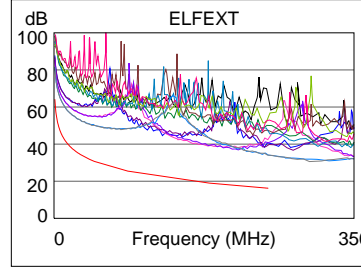
Length (m), Limit 90.0	[Pair 12]	18.5
Prop. Delay (ns), Limit 498	[Pair 36]	95
Delay Skew (ns), Limit 44	[Pair 36]	7
Resistance (ohms)	[Pair 36]	3.1
Insertion Loss Margin (dB)	[Pair 36]	25.0
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	31.1



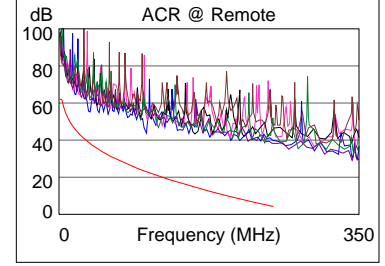
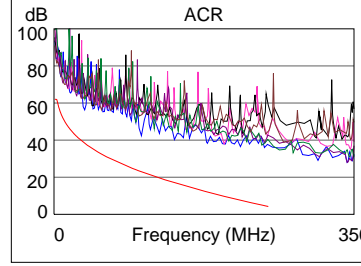
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-36	12-36	12-36	36-78
<b>NEXT (dB)</b>	4.1	5.6	5.6	7.7
Freq. (MHz)	101.0	101.5	218.0	241.0
Limit (dB)	41.8	41.7	36.3	35.6
Worst Pair	36	36	36	36
<b>PSNEXT (dB)</b>	5.7	7.0	5.7	7.0
Freq. (MHz)	246.5	241.5	246.5	241.5
Limit (dB)	32.8	33.0	32.8	33.0



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-78	78-45	45-78	78-45
<b>ELFEXT (dB)</b>	17.2	17.1	17.9	17.7
Freq. (MHz)	1.1	1.1	250.0	250.0
Limit (dB)	63.2	63.2	16.2	16.2
Worst Pair	45	45	45	45
<b>PSELFEXT (dB)</b>	18.4	18.5	20.0	19.6
Freq. (MHz)	1.8	1.3	249.0	242.5
Limit (dB)	56.3	59.3	13.3	13.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-36	12-36	12-36	36-45
<b>ACR (dB)</b>	17.6	16.3	31.3	32.9
Freq. (MHz)	35.0	35.3	246.0	246.5
Limit (dB)	38.6	38.5	4.6	4.6
Worst Pair	45	36	36	36
<b>PSACR (dB)</b>	18.8	17.6	30.4	31.5
Freq. (MHz)	9.9	35.8	246.5	241.5
Limit (dB)	50.1	35.9	2.0	2.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	12	12
<b>RL (dB)</b>	5.1	6.3	5.1	6.8
Freq. (MHz)	248.0	187.5	248.0	237.5
Limit (dB)	10.1	11.3	10.1	10.2

