



**Cable ID: M1D01**

**Test Summary: FAIL**

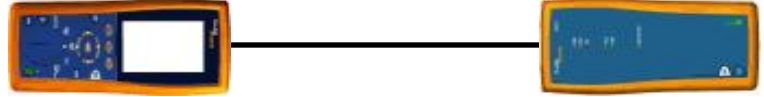
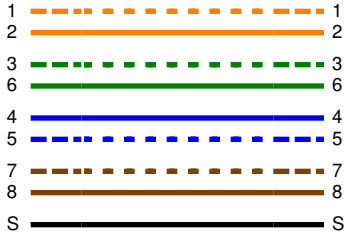
Date / Time: 06/09/2007 15:28:39  
**Headroom: 2,5 dB (RL 12)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 FTP

Operator: NICOLAS HEINEN  
 Software Version: 1.4100  
 Limits Version: 1.0400  
 NVP: 70,0%

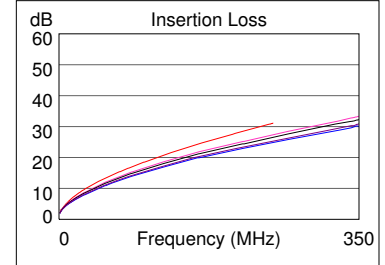
Model: DTX-1800  
 Main S/N: 9414041  
 Remote S/N: 9414042  
 Main Adapter: DTX-PLA002  
 Remote Adapter: DTX-PLA002

Wire Map (T568B)

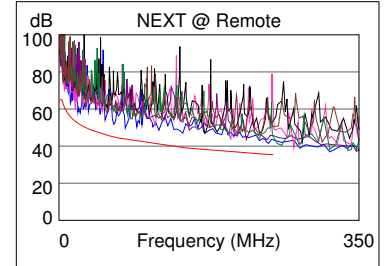
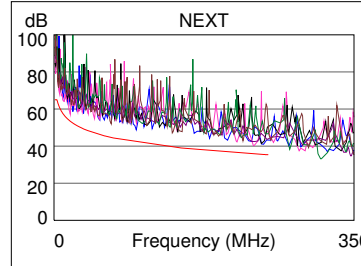
**PASS**



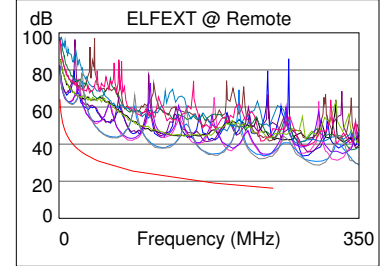
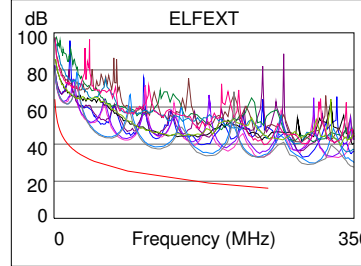
Length (m), Limit 90,0	[Pair 12]	86,7
Prop. Delay (ns), Limit 498	[Pair 36]	446
Delay Skew (ns), Limit 44	[Pair 36]	33
Resistance (ohms)	[Pair 36]	14,4
Insertion Loss Margin (dB)	[Pair 36]	<b>-0,1*F</b>
Frequency (MHz)	[Pair 36]	3,4
Limit (dB)	[Pair 36]	3,2



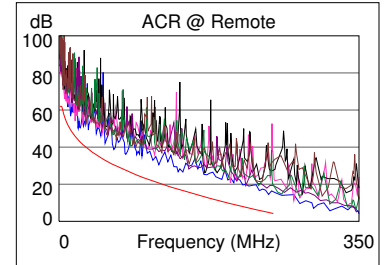
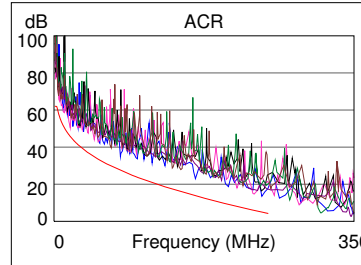
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-45	12-36	12-36	12-36
<b>NEXT (dB)</b>	3,6	5,3	4,5	5,4
Freq. (MHz)	18,8	22,4	243,0	243,0
Limit (dB)	53,5	52,3	35,5	35,5
Worst Pair	12	36	12	36
<b>PSNEXT (dB)</b>	4,0	5,5	4,0	5,5
Freq. (MHz)	243,0	244,0	243,0	244,0
Limit (dB)	32,9	32,9	32,9	32,9



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	78-45	78-45	12-45	78-45
<b>ELFEXT (dB)</b>	14,4	14,8	16,2	15,1
Freq. (MHz)	178,5	56,3	239,5	234,0
Limit (dB)	19,2	29,2	16,6	16,8
Worst Pair	45	45	45	45
<b>PSELFEXT (dB)</b>	16,2	16,6	16,2	17,3
Freq. (MHz)	237,5	1,8	239,0	238,5
Limit (dB)	13,7	56,3	13,6	13,6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-45	12-36	12-36	12-36
<b>ACR (dB)</b>	4,5	6,2	8,2	9,0
Freq. (MHz)	18,8	22,4	243,0	243,5
Limit (dB)	45,9	43,9	4,9	4,9
Worst Pair	12	36	36	36
<b>PSACR (dB)</b>	6,0	8,3	9,4	9,2
Freq. (MHz)	18,8	22,4	244,0	244,0
Limit (dB)	43,5	41,5	2,2	2,2



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	12	12	12
<b>RL (dB)</b>	2,5	2,5	7,0	5,1
Freq. (MHz)	10,4	10,4	217,0	178,5
Limit (dB)	20,9	20,9	10,6	11,5

