



### Cable ID: CAT 5E-001

### Test Summary: PASS

Date / Time: 24/10/2008 08:13:00am  
Headroom: 4.3 dB (NEXT 12-36)  
Test Limit: Aus/NZ PL max Class D  
Cable Type: Cat 5e UTP

Operator: STEPHEN SMITHAM  
Software Version: 1.3100  
Limits Version: 1.0200  
NVP: 89.0%

Model: DTX-1800  
Main S/N: 8739041  
Remote S/N: 8739042  
Main Adapter: DTX-PLA001  
Remote Adapter: DTX-PLA001

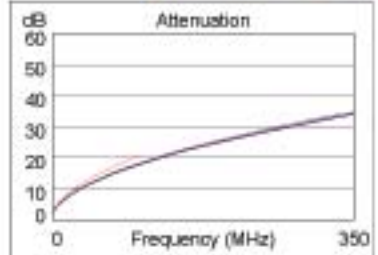
#### Wire Map (T568A)

PASS

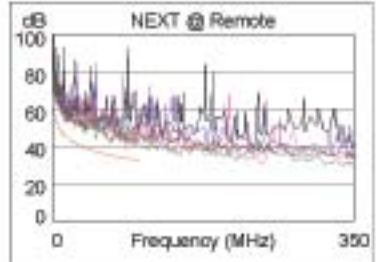
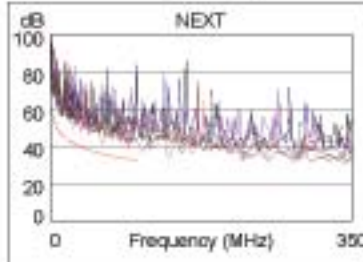


Length (m) [Pair 12] 84.6  
Prop. Delay (ns), Limit 498 [Pair 78] 419  
Delay Skew (ns), Limit 44 [Pair 78] 10  
Resistance (ohms), Limit 21.0 [Pair 78] 17.3

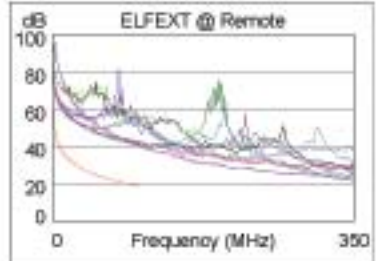
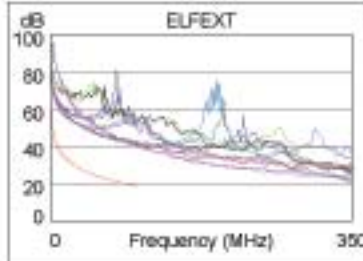
Attenuation Margin (dB) [Pair 78] 2.4  
Frequency (MHz) [Pair 78] 100.0  
Limit (dB) [Pair 78] 20.4



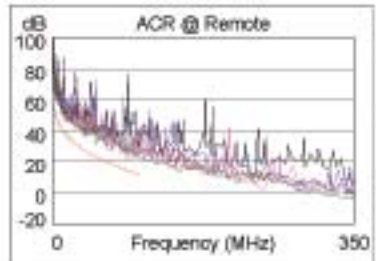
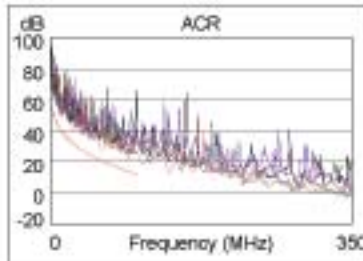
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-36	12-36	12-36	12-36
NEXT (dB)	5.3	4.3	5.3	4.3
Freq. (MHz)	92.0	86.3	92.0	86.3
Limit (dB)	32.9	33.4	32.9	33.4
Worst Pair	36	36	36	36
PSNEXT (dB)	6.0	5.4	6.0	5.4
Freq. (MHz)	92.0	86.3	92.0	86.3
Limit (dB)	29.9	30.4	29.9	30.4



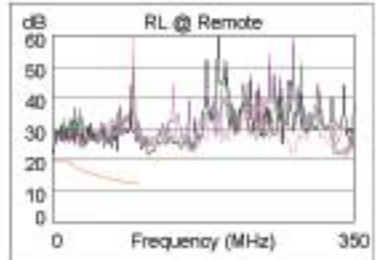
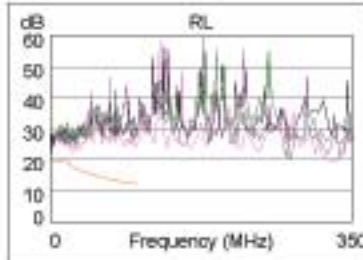
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-36	45-36	12-45	45-36
ELFEXT (dB)	20.8	20.8	21.2	20.9
Freq. (MHz)	1.0	1.0	98.8	95.0
Limit (dB)	58.6	58.6	18.7	19.1
Worst Pair	36	36	45	36
PSELFEXT (dB)	20.9	20.8	21.5	22.1
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	55.6	55.6	15.6	15.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-36	12-36	12-36	12-36
ACR (dB)	7.2	6.7	7.7	6.7
Freq. (MHz)	60.0	86.3	92.0	86.3
Limit (dB)	20.5	14.5	13.4	14.5
Worst Pair	36	36	36	36
PSACR (dB)	8.4	7.8	8.4	9.4
Freq. (MHz)	92.0	86.3	92.0	96.3
Limit (dB)	10.4	11.5	10.4	9.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	36	12	36
RL (dB)	4.3	5.5	4.3	9.6
Freq. (MHz)	27.5	19.9	27.5	75.5
Limit (dB)	17.6	19.0	17.6	13.2



#### Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLAN	TR-4
TR-15 Active	TR-15 Passive	