



Cable ID: 9N-PA01

Test Summary: PASS

Date / Time: 11/30/2004 01:03:47pm
Headroom: 8.7 dB (NEXT 45-78)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e UTP

Operator: SMART COM
 Software Version: 1.0100
 NVP: 69.0%

Model: DTX-1800
 Main S/N: 8724035
 Remote S/N: 8724036
 Main Adapter: DTX-PLA001
 Remote Adapter: DTX-PLA001



Wire Map (T568A)	1 2 3 4 5 6 7 8
PASS	
	1 2 3 4 5 6 7 8

Length (ft), Limit 295	[Pair 36]	101
Prop. Delay (ns), Limit 498	[Pair 12]	151
Delay Skew (ns), Limit 44	[Pair 12]	2
Resistance (ohms)	[Pair 36]	5.5
Attenuation (dB)	[Pair 12]	14.3
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-78	36-45	45-78
NEXT (dB)	9.5	8.7	10.4	9.1
Freq. (MHz)	54.8	76.0	89.0	92.3
Limit (dB)	36.6	34.3	33.1	32.9
Worst Pair	45	45	45	45
PSNEXT (dB)	10.9	9.6	12.1	9.6
Freq. (MHz)	55.0	92.5	92.3	92.5
Limit (dB)	33.6	29.9	29.9	29.9

	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	45-36	36-45
ELFEXT (dB)	17.0	17.0	18.7	18.6
Freq. (MHz)	1.0	1.0	98.5	98.3
Limit (dB)	58.6	58.6	18.7	18.8
Worst Pair	45	45	45	45
PSELFEXT (dB)	17.3	17.3	18.7	18.7
Freq. (MHz)	1.0	1.0	99.8	100.0
Limit (dB)	55.6	55.6	15.6	15.6

	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-45	36-78	36-45	36-45
ACR (dB)	17.2	16.3	23.8	24.0
Freq. (MHz)	10.0	3.8	89.0	99.0
Limit (dB)	42.3	51.4	13.5	11.5
Worst Pair	36	78	45	45
PSACR (dB)	18.0	17.5	25.9	23.4
Freq. (MHz)	3.6	4.4	92.3	92.5
Limit (dB)	48.7	47.1	9.8	9.8

	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	36	36	36
RL (dB)	8.0	7.3	9.1	7.3
Freq. (MHz)	44.3	96.8	66.0	96.8
Limit (dB)	15.6	12.2	13.8	12.2

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	

