



Cable ID: ADM-LIB-4-39

Date / Time: 10/01/2007 11:27:29am
 Headroom: 6.3 dB (NEXT 36-45)
 Test Limit: TIA Cat 5e Perm. Link
 Cable Type: UTP 100 Ohm Cat 5e
 Fault Anomaly Threshold: 15%

Operator: DERRICK DE LUCAS
 Software Version: 1.925
 Limits Version: 5.17
 NVP: 69.0%
 Shield Test: N/A

Test Summary: PASS

Model: DSP-4300
 Main S/N: 8611006
 Remote S/N: 8611006
 Main Adapter: LIA 102
 Remote Adapter: LIA 102

Wire Map	1 2 3 4 5 6 7 8 S
PASS	
	1 2 3 4 5 6 7 8

Length (ft), Limit 295	[Pair 78]	37
Prop. Delay (ns), Limit 498	[Pair 45]	58
Delay Skew (ns), Limit 44	[Pair 45]	3
Resistance (ohms)		N/A

Attenuation (dB)	[Pair 36]	18.2
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	21.0

	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	6.3	6.9	6.4	6.9
Freq. (MHz)	97.0	97.4	97.2	97.4
Limit (dB)	32.6	32.5	32.5	32.5
Worst Pair	36	45	36	45
PSNEXT (dB)	7.9	8.8	8.1	8.8
Freq. (MHz)	95.6	97.4	97.0	97.4
Limit (dB)	29.7	29.5	29.5	29.5

	MAIN		SR	
	45-36	45-36	78-36	78-36
PASS				
Worst Pair	45-36	45-36	78-36	78-36
ELFEXT (dB)	17.2	17.2	18.2	18.3
Freq. (MHz)	1.2	1.2	100.0	100.0
Limit (dB)	57.1	57.1	18.6	18.6
Worst Pair	36	36	36	36
PSELFEXT (dB)	17.4	17.4	18.2	19.0
Freq. (MHz)	1.2	2.0	100.0	94.6
Limit (dB)	54.1	49.6	15.6	16.1

	MAIN		SR	
	36-45	36-45	36-45	36-45
PASS				
Worst Pair	36-45	36-45	36-45	36-45
ACR (dB)	16.4	17.0	24.5	25.0
Freq. (MHz)	9.7	10.5	97.2	97.4
Limit (dB)	42.6	41.9	11.8	11.8
Worst Pair	36	36	36	45
PSACR (dB)	17.1	17.9	26.0	26.9
Freq. (MHz)	15.5	11.2	97.0	97.4
Limit (dB)	34.7	38.2	8.9	8.8

	MAIN		SR	
	36	36	36	36
PASS				
Worst Pair	36	36	36	36
RL (dB)	24.9	24.3	24.9	24.3
Freq. (MHz)	100.0	100.0	100.0	100.0
Limit (dB)	0.0	0.0	0.0	0.0

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
100BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

