

FLUKE DSP-4000

Test Summary: PASS

Cable ID: 1

Headroom: 5.2 dB (NEXT 36-78)

Site: XXXXXXXXXXXXX

Date / Time: 01/15/2003 21:51:07

Test Standard: TIA Cat 5e BL (1999)

Cable Type: UTP 100 Ohm Cat 5e

FLUKE DSP-4000 S/N: 8030024 LIA011

FLUKE DSP-4000SR S/N: 8030024 LIA011

Operator: ALSYS DATA

Standards Version: 4.9 Software Version: 3.8

NVP: 69.0% Fault Anomaly Threshold: 15%

Shield Test: N/A

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

Length (m), Limit 94.0 [Pair 12]	26.3
Prop. Delay (ns), Limit 518 [Pair 45]	133
Delay Skew (ns), Limit 45 [Pair 45]	6
Resistance (ohms)	
Impedance (ohms)	
Anomaly (m)	
Attenuation (dB) [Pair 36]	5.8
Frequency (MHz)	100.0
Limit (dB)	21.6

	Worst Margin		Worst Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	12-36
NEXT (dB)	41.0	43.5	38.0	41.8
Freq. (MHz)	61.8	52.8	97.2	96.0
Limit (dB)	35.8	36.8	32.5	32.6
Worst Pair	36	36	36	36
PSNEXT (dB)	39.1	42.8	37.0	39.6
Freq. (MHz)	67.0	52.2	97.2	97.0
Limit (dB)	32.2	33.9	29.5	29.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ELFEXT (dB)	61.6	61.7	30.2	30.0
Freq. (MHz)	2.1	2.1	100.0	100.0
Limit (dB)	53.6	53.6	20.0	20.0
Worst Pair	36	36	45	36
PSELFEXT (dB)	63.5	66.0	29.3	28.7
Freq. (MHz)	1.5	1.1	99.2	100.0
Limit (dB)	53.5	56.2	17.0	17.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-78	12-36
ACR (dB)	51.5	52.1	32.4	36.1
Freq. (MHz)	15.4	15.6	97.2	96.0
Limit (dB)	37.5	37.4	11.2	11.5
Worst Pair	36	36	36	36
PSACR (dB)	49.0	64.4	31.4	34.0
Freq. (MHz)	16.6	3.6	97.6	97.0
Limit (dB)	33.7	48.8	8.2	8.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	45	12	45	12
RL (dB)	18.2	18.9	18.2	18.9
Freq. (MHz)	77.2	76.8	77.2	76.8
Limit (dB)	12.9	12.9	12.9	12.9

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	