

FLUKE DSP-4300

Test Summary: PASS

Cable ID: 2012P6-A-2

Headroom: 2.8 dB (NEXT 12-45)

Site: Client Name

Date / Time: 07/09/2002 09:54:14am

Test Standard: TIA Cat 6 Perm. Link

Cable Type: UTP 100 Ohm Cat 6

FLUKE DSP-4300 S/N: 7980008 PM-001

FLUKE DSP-4300SR S/N: 7980008 PM-001

Operator: Your Name

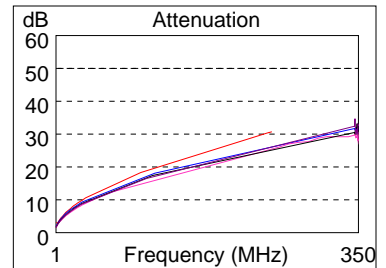
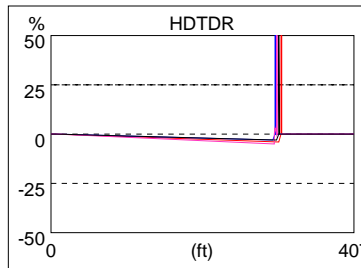
Standards Version: 4.9 Software Version: 1.8

NVP: 69.0% Fault Anomaly Threshold: 15%

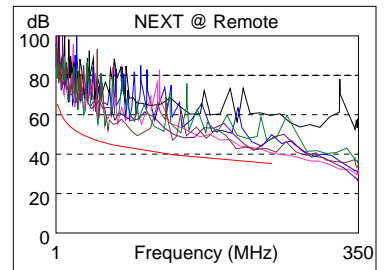
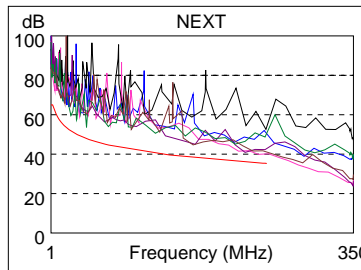
Shield Test: N/A

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

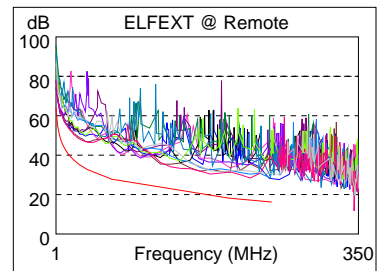
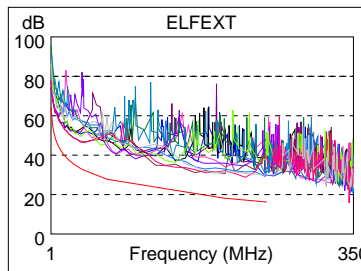
Length (ft), Limit 295 [Pair 36]	295
Prop. Delay (ns), Limit 498 [Pair 12]	446
Delay Skew (ns), Limit 44 [Pair 12]	12
Resistance (ohms)	
Impedance (ohms)	
Anomaly (ft)	
Attenuation (dB) [Pair 12]	27.4
Frequency (MHz)	250.0
Limit (dB)	30.7



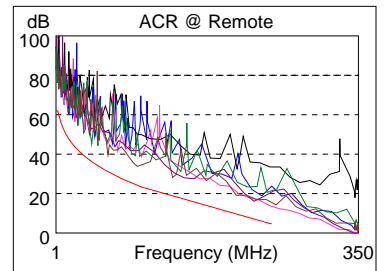
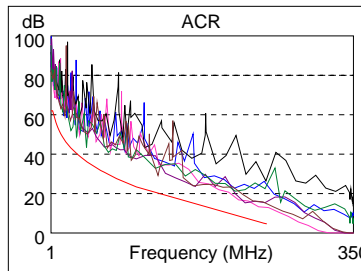
	Worst Margin		Worst Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
NEXT (dB)	38.8	39.2	38.8	39.2
Freq. (MHz)	226.5	245.0	226.5	245.0
Limit (dB)	36.0	35.5	36.0	35.5
Worst Pair	45	45	45	45
PSNEXT (dB)	35.5	37.0	35.0	37.0
Freq. (MHz)	219.0	245.0	240.0	248.5
Limit (dB)	33.7	32.9	33.0	32.7



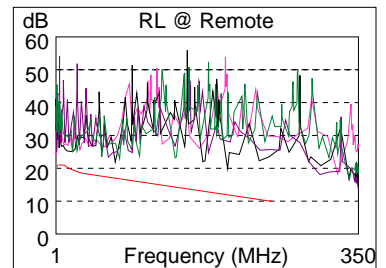
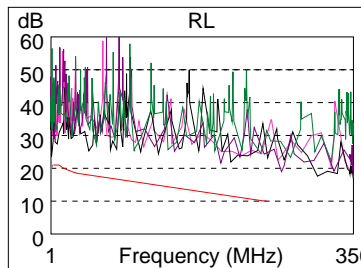
	Worst Margin		Worst Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-36	78-36	78-36	12-36
ELFEXT (dB)	29.1	28.5	27.8	26.6
Freq. (MHz)	178.0	178.0	232.5	246.5
Limit (dB)	19.2	19.2	16.8	16.3
Worst Pair	78	78	78	45
PSELFEXT (dB)	27.1	26.7	26.4	26.0
Freq. (MHz)	185.0	178.0	243.5	248.0
Limit (dB)	15.9	16.2	13.4	13.3



	Worst Margin		Worst Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
ACR (dB)	13.5	12.5	12.4	12.5
Freq. (MHz)	226.5	245.0	249.5	245.0
Limit (dB)	7.0	5.1	4.7	5.1
Worst Pair	45	45	45	45
PSACR (dB)	10.5	12.1	8.5	10.2
Freq. (MHz)	219.0	225.0	240.5	248.0
Limit (dB)	5.3	4.6	3.0	2.2



	Worst Margin		Worst Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	12	36
RL (dB)	25.8	24.2	21.6	19.9
Freq. (MHz)	4.9	13.5	229.0	199.0
Limit (dB)	21.0	20.4	10.4	11.0



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	