



## Cable ID: MDF E225 2

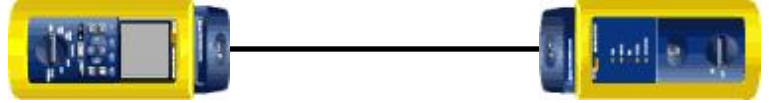
**Test Summary: PASS**

Date / Time: 02/06/2008 11:20:44am  
**Headroom: 5.9 dB (NEXT 12-45)**  
**Test Limit: TIA Cat 6 Channel**  
 Cable Type: UTP 100 Ohm Cat 6  
 Fault Anomaly Threshold: 15%

Operator: RORY STORRS  
 Software Version: 3.925  
 Limits Version: 5.17  
 NVP: 69.0%  
 Shield Test: N/A

Model: DSP-4000  
 Main S/N: 7390026  
 Remote S/N: 7390026  
 Main Adapter: LIA 012  
 Remote Adapter: LIA 012

Wire Map	1 2 3 4 5 6 7 8 S
<b>PASS</b>	
	1 2 3 4 5 6 7 8



Length (ft), Limit 328	[Pair 45]	112
Prop. Delay (ns), Limit 555	[Pair 12]	170
Delay Skew (ns), Limit 50	[Pair 12]	5
Resistance (ohms)		N/A
Insertion Loss Margin (dB)	[Pair 45]	24.4
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	36.0

	Worst Case Margin		Worst Case Value	
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-45	36-78	12-45
<b>NEXT (dB)</b>	8.3	5.9	9.4	6.4
Freq. (MHz)	9.5	188.0	226.0	220.5
Limit (dB)	57.0	35.2	33.9	34.1
Worst Pair	12	45	78	45
<b>PSNEXT (dB)</b>	10.2	6.7	10.8	7.0
Freq. (MHz)	9.5	232.0	226.0	242.5
Limit (dB)	54.4	30.7	30.9	30.3

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	78-36	36-78	36-78	36-78
<b>ELFEXT (dB)</b>	15.4	15.5	15.5	15.5
Freq. (MHz)	226.0	229.5	229.5	229.5
Limit (dB)	16.2	16.0	16.0	16.0
Worst Pair	36	78	78	78
<b>PSELFEXT (dB)</b>	17.0	16.6	17.0	16.8
Freq. (MHz)	226.0	226.0	230.0	229.5
Limit (dB)	13.2	13.2	13.0	13.0

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	36-78	12-45
<b>ACR (dB)</b>	12.0	10.1	32.5	32.4
Freq. (MHz)	3.0	3.0	226.0	250.0
Limit (dB)	61.6	61.6	-0.1	-2.9
Worst Pair	12	45	78	45
<b>PSACR (dB)</b>	14.0	11.7	33.8	30.9
Freq. (MHz)	9.5	3.1	226.0	242.5
Limit (dB)	48.3	58.6	-3.0	-5.0

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	12	45	45	45
<b>RL (dB)</b>	8.0	6.7	8.0	6.7
Freq. (MHz)	21.0	224.5	209.0	224.5
Limit (dB)	17.4	8.5	8.8	8.5

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