



## Cable ID: FND-5-1030A

**Test Summary: PASS**

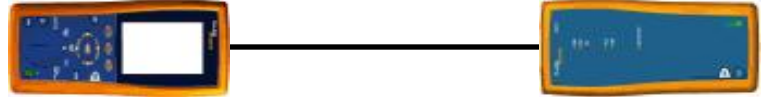
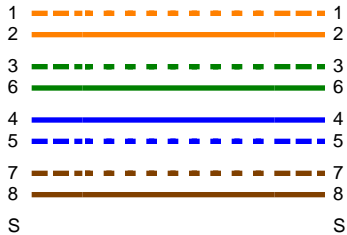
Date / Time: 03/05/2008 01:52:49pm  
**Headroom: 5.3 dB (NEXT 12-78)**  
**Test Limit: TIA Cat 6 Channel**  
 Cable Type: Cat 6 UTP

Operator: ED HAMILTON  
 Software Version: 1.3000  
 Limits Version: 1.0200  
 NVP: 69.0%

Model: DTX-1800  
 Main S/N: 9114017  
 Remote S/N: 9114018  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

### Wire Map (T568B)

**PASS**



Length (ft), Limit 328	[Pair 78]	160
Prop. Delay (ns), Limit 555	[Pair 45]	247
Delay Skew (ns), Limit 50	[Pair 45]	11
Resistance (ohms)	[Pair 45]	10.4
Insertion Loss Margin (dB)	[Pair 45]	19.5
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	35.9

### Worst Case Margin Worst Case Value

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-78	36-78	36-78
<b>NEXT (dB)</b>	7.6	5.3	7.9	6.0
Freq. (MHz)	6.6	94.3	212.0	244.5
Limit (dB)	59.5	40.4	34.3	33.3
Worst Pair	78	36	78	36
<b>PSNEXT (dB)</b>	9.0	7.7	9.7	7.7
Freq. (MHz)	94.0	245.5	211.5	245.5
Limit (dB)	37.5	30.3	31.4	30.3

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-78	78-36
<b>ELFEXT (dB)</b>	10.9	10.8	15.0	14.9
Freq. (MHz)	23.1	25.1	249.0	249.5
Limit (dB)	36.0	35.3	15.3	15.3
Worst Pair	45	45	45	36
<b>PSELFEXT (dB)</b>	12.2	12.3	16.1	16.3
Freq. (MHz)	4.0	4.6	234.0	240.5
Limit (dB)	48.2	47.0	12.9	12.6

<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
<b>ACR (dB)</b>	10.5	10.4	28.8	25.7
Freq. (MHz)	6.6	2.4	240.0	244.5
Limit (dB)	54.3	61.9	-1.7	-2.2
Worst Pair	78	36	36	36
<b>PSACR (dB)</b>	12.7	12.2	30.2	27.3
Freq. (MHz)	6.6	6.4	240.0	245.5
Limit (dB)	51.8	52.2	-4.6	-5.3

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	45	12	12	12
<b>RL (dB)</b>	5.3	5.8	10.4	9.0
Freq. (MHz)	18.9	35.0	206.0	239.0
Limit (dB)	17.6	16.3	8.9	8.2

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