



**Cable ID: 22830**

Date / Time: 02/13/2017 12:23:11 PM

Headroom 5.8 dB (NEXT 12-36)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.7800

Limits Version: 1.9500

Calibration Date:

Main (Tester): 11/01/2016

Remote (Tester): 11/01/2016

**Test Summary: PASS**

Model: DTX-1800

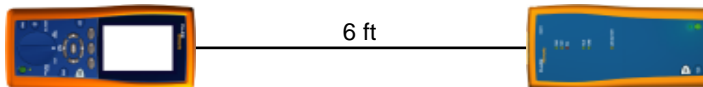
Main S/N: 3178039

Remote S/N: 3178046

Main Adapter: DTX-CHA002

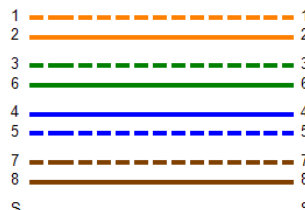
Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	6
Prop. Delay (ns), Limit 555	[Pair 12]	9
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 45]	0.7
Insertion Loss Margin (dB)	[Pair 78]	10.9
Frequency (MHz)	[Pair 78]	32.8
Limit (dB)	[Pair 78]	13.2



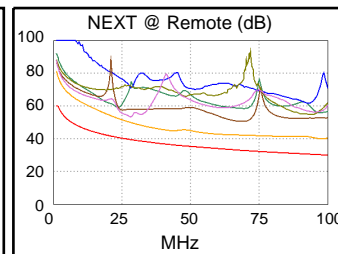
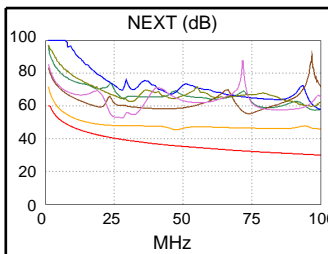
Wire Map (T568B)

**PASS**

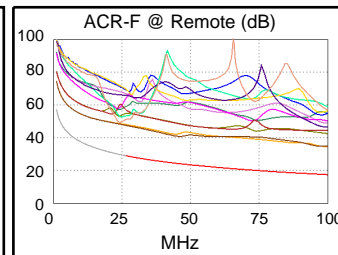
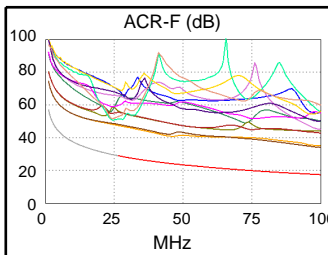


Worst Case Margin Worst Case Value

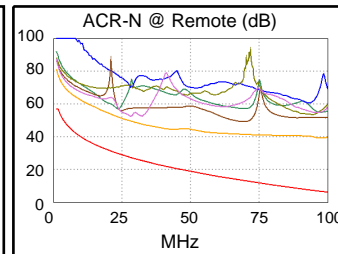
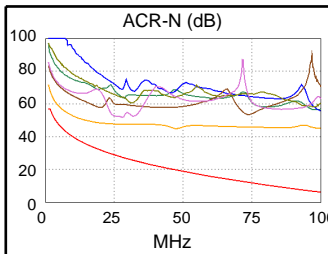
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	5.8	8.5	9.7	9.7
Freq. (MHz)	9.1	42.3	47.3	97.3
Limit (dB)	47.7	36.5	35.7	30.3
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	8.5	11.3	12.5	12.4
Freq. (MHz)	11.4	42.3	46.8	97.3
Limit (dB)	43.1	33.5	32.7	27.3



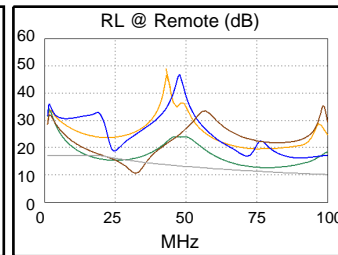
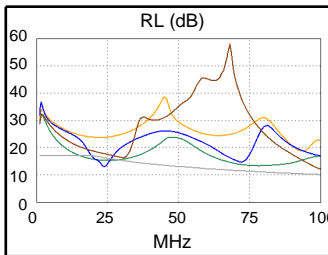
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-12	36-12	12-36
<b>ACR-F (dB)</b>	16.6	16.5	16.7	17.0
Freq. (MHz)	44.8	44.8	97.5	99.3
Limit (dB)	24.4	24.4	17.6	17.5
Worst Pair	36	36	12	36
<b>PS ACR-F (dB)</b>	18.8	18.8	19.7	19.0
Freq. (MHz)	4.8	4.8	97.5	97.5
Limit (dB)	40.9	40.9	14.6	14.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	10.9	20.8	25.2	32.7
Freq. (MHz)	1.8	1.6	47.3	97.3
Limit (dB)	56.4	56.9	19.7	6.6
Worst Pair	36	36	12	12
<b>PS ACR-N (dB)</b>	13.6	22.1	40.9	34.7
Freq. (MHz)	1.8	1.8	97.5	95.8
Limit (dB)	53.4	53.4	3.6	4.0



N/A	MAIN	SR	MAIN	SR
Worst Pair	45	78	78	78
<b>RL (dB)</b>	-3.3	-4.5	2.1	-4.5
Freq. (MHz)	23.6	32.0	99.8	32.0
Limit (dB)	16.3	15.0	10.0	15.0



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	