



**Cable ID: UPC-5004E-SOL**

Date / Time: 09/29/2015 01:54:05 □□

Headroom 10.1 dB (NEXT 12-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e UTP

Calibration Date: 06/04/2013

Operator: JACK

Software Version: 2.7400

Limits Version: 1.9300

NVP: 69.0%

**Test Summary: PASS**

Model: DTX-1800

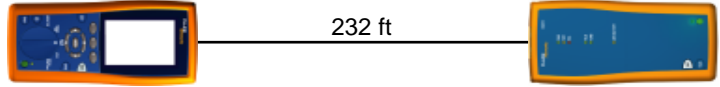
Main S/N: 2433075

Remote S/N: 2433076

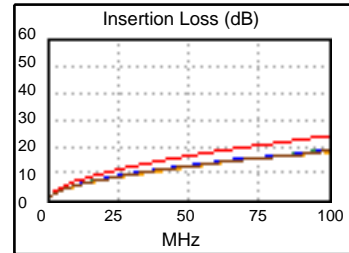
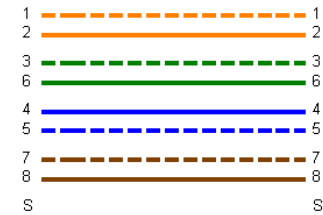
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	232
Prop. Delay (ns), Limit 555	[Pair 36]	355
Delay Skew (ns), Limit 50	[Pair 36]	13
Resistance (ohms)	[Pair 45]	22.8
Insertion Loss Margin (dB)	[Pair 78]	4.8
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0

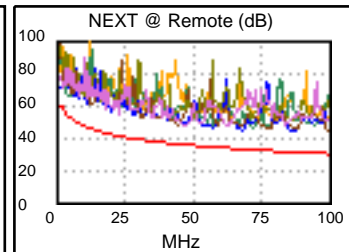
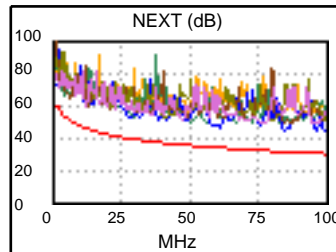


Wire Map (T568B)  
**PASS**

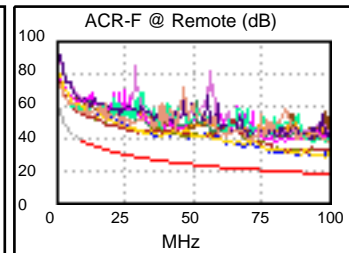
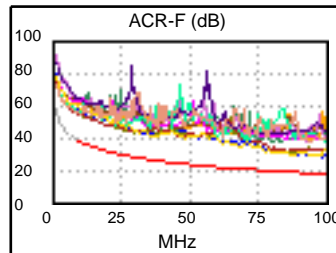


Worst Case Margin Worst Case Value

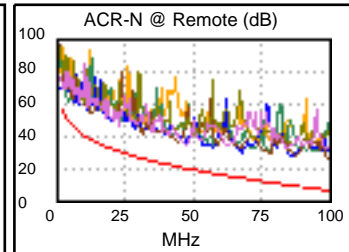
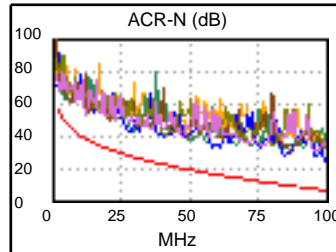
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
<b>NEXT (dB)</b>	12.3	10.1	13.5	12.5
Freq. (MHz)	58.3	1.3	100.0	86.8
Limit (dB)	34.1	60.0	30.1	31.1
Worst Pair	45	78	78	78
<b>PS NEXT (dB)</b>	13.2	11.4	15.6	14.4
Freq. (MHz)	5.9	47.0	100.0	87.0
Limit (dB)	47.8	32.7	27.1	28.1



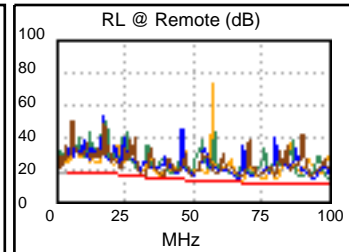
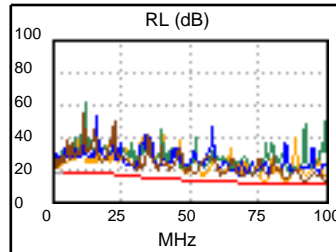
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	78-12
<b>ACR-F (dB)</b>	10.0	10.4	10.0	10.5
Freq. (MHz)	98.8	88.8	98.8	98.8
Limit (dB)	17.5	18.4	17.5	17.5
Worst Pair	12	12	78	12
<b>PS ACR-F (dB)</b>	12.6	12.7	12.6	12.7
Freq. (MHz)	88.8	98.8	98.8	98.8
Limit (dB)	15.4	14.5	14.5	14.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-78	12-78	36-45
<b>ACR-N (dB)</b>	13.4	11.2	18.3	20.3
Freq. (MHz)	3.9	1.4	100.0	99.5
Limit (dB)	49.4	57.0	6.1	6.2
Worst Pair	45	78	78	36
<b>PS ACR-N (dB)</b>	14.3	12.9	20.4	22.2
Freq. (MHz)	5.9	1.5	100.0	99.5
Limit (dB)	42.4	54.0	3.1	3.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	78	12	12
<b>RL (dB)</b>	0.7*	0.4*	0.7	0.6
Freq. (MHz)	85.8	31.3	85.8	68.0
Limit (dB)	10.7	15.1	10.7	11.7



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

\* Measurement is within the accuracy limits of the instrument.