



**Cable ID: 52208**

Date / Time: 01/16/2017 04:04:34 PM

Headroom 5.6 dB (NEXT 12-45)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 F/UTP

NVP: 70.0%

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

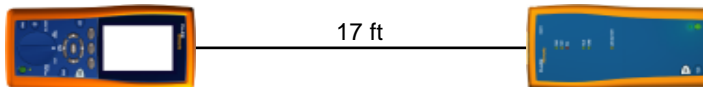
Main S/N: 3178039

Remote S/N: 3178046

Main Adapter: DTX-CHA002

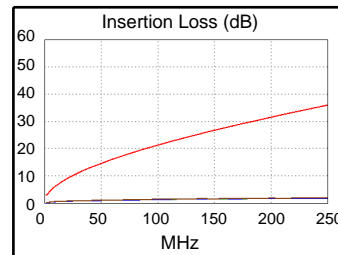
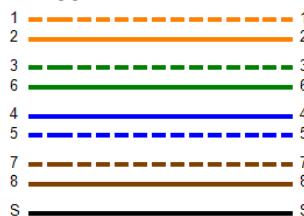
Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	17
Prop. Delay (ns), Limit 555	[Pair 12]	25
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 12]	1.2
Insertion Loss Margin (dB)	[Pair 78]	33.6
Frequency (MHz)	[Pair 78]	245.0
Limit (dB)	[Pair 78]	35.5



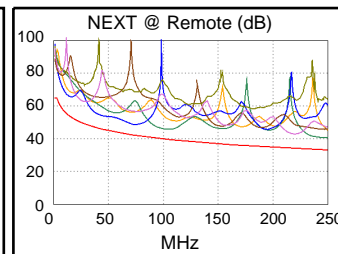
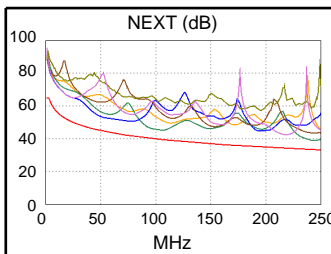
Wire Map (T568B)

**PASS**

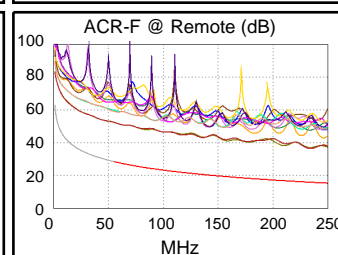
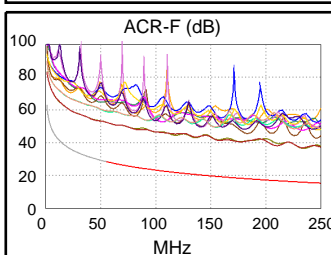


Worst Case Margin Worst Case Value

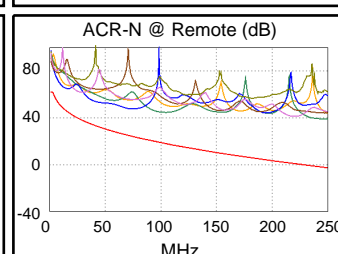
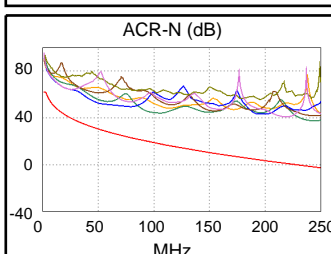
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
<b>NEXT (dB)</b>	5.6	6.1	5.6	7.3
Freq. (MHz)	242.0	101.0	242.0	245.5
Limit (dB)	33.4	39.9	33.4	33.3
Worst Pair	45	12	45	45
<b>PS NEXT (dB)</b>	7.0	7.9	7.0	8.6
Freq. (MHz)	243.5	105.0	246.0	247.0
Limit (dB)	30.4	36.7	30.3	30.2



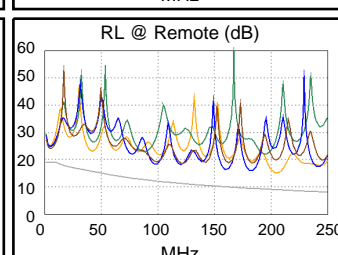
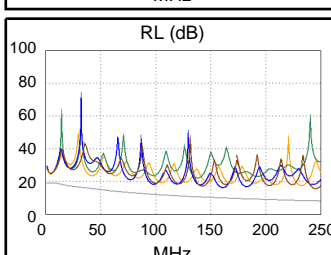
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
<b>ACR-F (dB)</b>	20.5	20.5	20.5	20.5
Freq. (MHz)	233.5	233.5	233.5	233.5
Limit (dB)	15.9	15.9	15.9	15.9
Worst Pair	45	45	45	36
<b>PS ACR-F (dB)</b>	22.3	22.1	23.2	23.3
Freq. (MHz)	1.0	1.0	233.5	233.5
Limit (dB)	60.3	60.3	12.9	12.9



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-78	12-45	12-45
<b>ACR-N (dB)</b>	21.0	18.1	39.2	41.2
Freq. (MHz)	3.0	10.6	242.0	245.5
Limit (dB)	61.5	49.6	-1.9	-2.3
Worst Pair	12	12	45	45
<b>PS ACR-N (dB)</b>	20.0	19.1	40.9	42.5
Freq. (MHz)	3.3	11.6	246.0	247.0
Limit (dB)	58.4	46.1	-5.3	-5.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	12	78	78	12
<b>RL (dB)</b>	5.6	5.0	7.5	6.1
Freq. (MHz)	4.3	4.9	244.5	204.5
Limit (dB)	19.0	19.0	8.1	8.9



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	