



**Cable ID: 222X 52294**

Date / Time: 03/01/2017 11:37:43 AM

Headroom 7.7 dB (NEXT 45-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 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

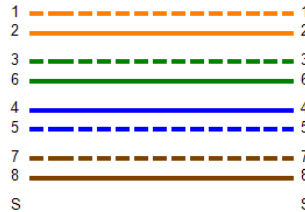
Length (ft), Limit 328	[Pair 12]	49
Prop. Delay (ns), Limit 555	[Pair 36]	74
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 36]	3.2
Insertion Loss Margin (dB)	[Pair 36]	29.6
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9



49 ft

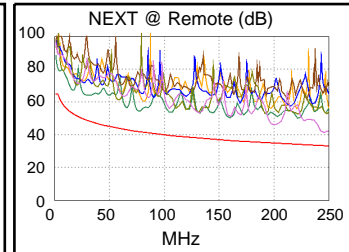
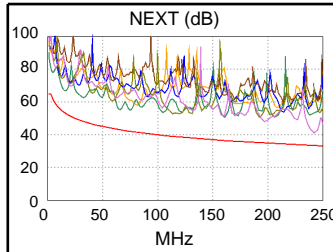


Wire Map (T568B)  
**PASS**

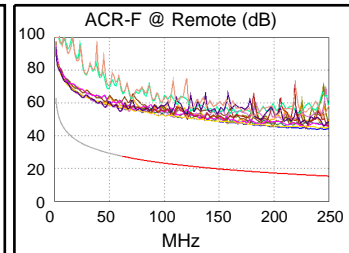
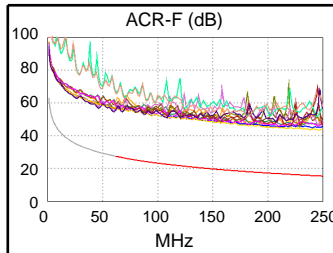


Worst Case Margin Worst Case Value

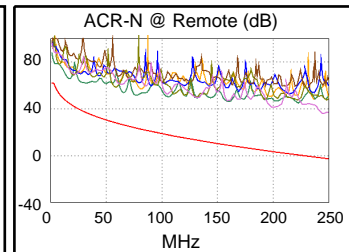
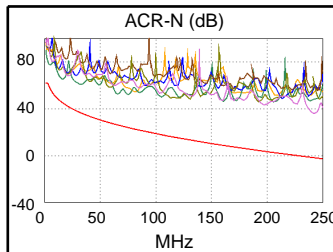
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	45-78
<b>NEXT (dB)</b>	7.7	8.0	7.7	8.0
Freq. (MHz)	242.0	244.5	242.0	244.5
Limit (dB)	33.4	33.3	33.4	33.3
Worst Pair	45	45	45	45
<b>PS NEXT (dB)</b>	10.5	10.8	10.5	10.8
Freq. (MHz)	242.0	245.0	242.0	245.0
Limit (dB)	30.4	30.3	30.4	30.3



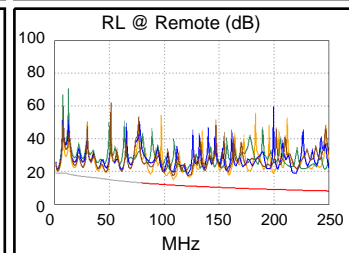
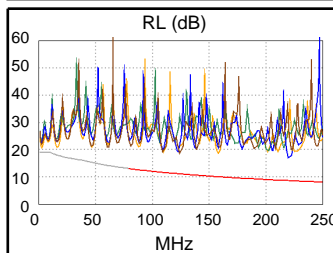
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-36	78-36	78-12	12-78
<b>ACR-F (dB)</b>	26.8	27.1	28.0	28.3
Freq. (MHz)	46.3	59.5	246.0	246.0
Limit (dB)	30.0	27.8	15.4	15.4
Worst Pair	36	36	12	12
<b>PS ACR-F (dB)</b>	26.8	27.2	28.9	28.9
Freq. (MHz)	46.3	2.5	244.0	248.0
Limit (dB)	27.0	52.3	12.5	12.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	45-78	45-78
<b>ACR-N (dB)</b>	18.3	18.5	37.7	38.2
Freq. (MHz)	3.6	3.0	242.0	244.5
Limit (dB)	59.9	61.5	-1.9	-2.2
Worst Pair	12	45	45	78
<b>PS ACR-N (dB)</b>	20.2	20.5	40.6	41.0
Freq. (MHz)	3.6	3.3	242.0	244.5
Limit (dB)	57.4	58.4	-4.9	-5.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	12	45	12
<b>RL (dB)</b>	7.1	3.1	7.8	3.1
Freq. (MHz)	110.0	109.0	220.5	109.0
Limit (dB)	11.6	11.6	8.6	11.6



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