



**Cable ID: 52102**

Date / Time: 02/15/2017 06:06:36 PM  
**Headroom 2.2 dB (NEXT 12-36)**  
**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

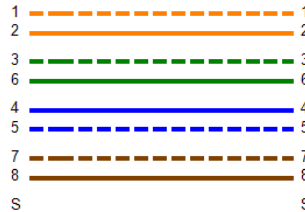
Length (ft), Limit 328	[Pair 12]	9
Prop. Delay (ns), Limit 555	[Pair 36]	14
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 45]	1.1
Insertion Loss Margin (dB)	[Pair 45]	33.0
Frequency (MHz)	[Pair 45]	244.5
Limit (dB)	[Pair 45]	35.5



9 ft

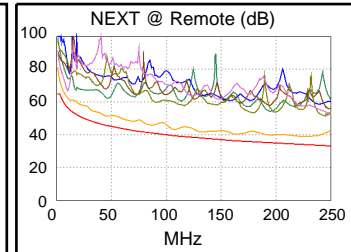
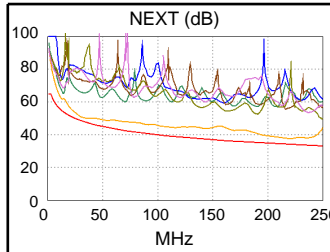


Wire Map (T568B)  
**PASS**

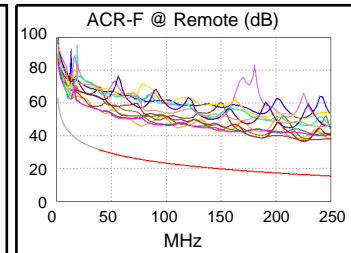
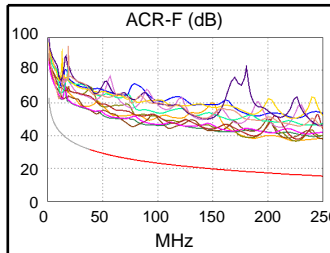


Worst Case Margin Worst Case Value

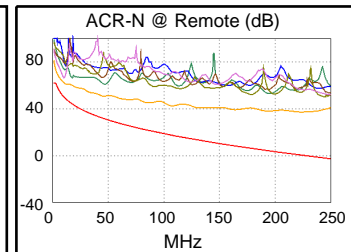
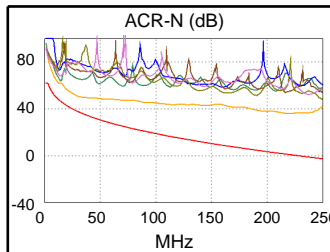
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	2.2	3.8	3.5	4.9
Freq. (MHz)	30.6	106.0	221.0	222.5
Limit (dB)	48.6	39.5	34.0	34.0
Worst Pair	12	36	36	12
<b>PS NEXT (dB)</b>	4.8	6.5	6.3	7.8
Freq. (MHz)	30.6	107.0	221.0	222.5
Limit (dB)	45.9	36.6	31.1	31.0



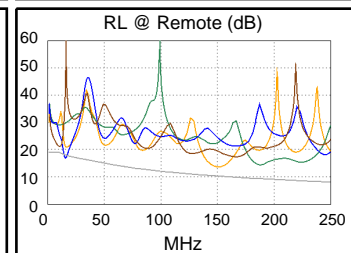
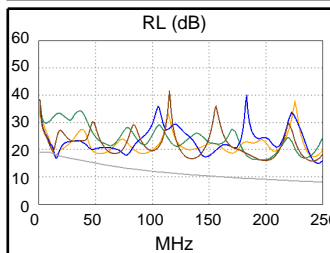
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-45	45-78	36-45	45-36
<b>ACR-F (dB)</b>	19.6	19.7	20.4	20.1
Freq. (MHz)	10.0	10.0	224.0	224.0
Limit (dB)	43.3	43.3	16.3	16.3
Worst Pair	45	36	36	36
<b>PS ACR-F (dB)</b>	20.2	21.4	21.1	21.4
Freq. (MHz)	10.0	223.5	225.0	223.5
Limit (dB)	40.3	13.3	13.2	13.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	12.9	11.1	35.1	36.7
Freq. (MHz)	29.1	3.1	221.0	222.5
Limit (dB)	38.0	61.2	0.6	0.4
Worst Pair	12	36	36	36
<b>PS ACR-N (dB)</b>	14.7	13.4	37.9	39.5
Freq. (MHz)	12.8	3.3	221.0	222.5
Limit (dB)	45.1	58.4	-2.3	-2.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	12
<b>RL (dB)</b>	-1.4	-1.3	6.8	3.3
Freq. (MHz)	15.0	15.4	245.0	149.5
Limit (dB)	18.1	18.1	8.1	10.3



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