

---

<b>Cable ID</b> CAT6UTP	<b>Summary</b> PASS*	<b>Test Limit</b> TIA Cat 6 Channel	<b>Length</b> 314 ft	<b>Headroom</b> 5.2 dB (NEXT)	<b>Date / Time</b> 12/7/2019 05:13 PM
----------------------------	-------------------------	--	-------------------------	----------------------------------	--

Total Length:	314 ft
Number of Reports:	1
Number of Passing Reports:	1
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



**Cable ID: CAT6UTP**

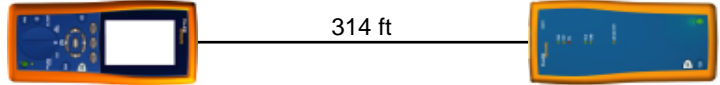
Date / Time: 12/7/2019 05:13:59 PM  
**Headroom 5.2 dB (NEXT 12-45)**  
 Test Limit: TIA Cat 6 Channel Cable  
 Type: Cat 6 UTP copper  
 Calibration Date: 01/04/2019

Operator: ABC  
 Software Version: 2.7400  
 Limits Version: 1.9300  
 NVP: 69.0%

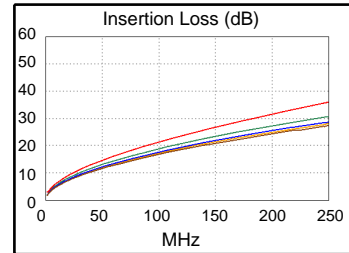
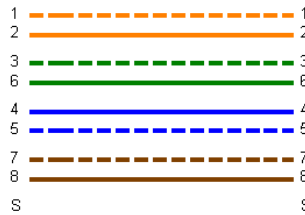
**Test Summary: PASS**

Model: DTX-1800  
 Main S/N: 8665105  
 Remote S/N: 8665104  
 Main Adapter: DTX-CHA002  
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	314
Prop. Delay (ns), Limit 555	[Pair 36]	487
Delay Skew (ns), Limit 50	[Pair 36]	24
Resistance (ohms)	[Pair 78]	14.0
Insertion Loss Margin (dB)	[Pair 36]	5.2
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9

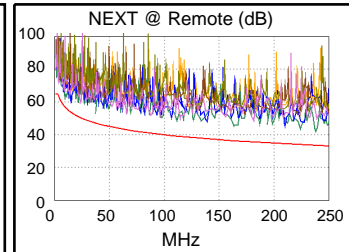
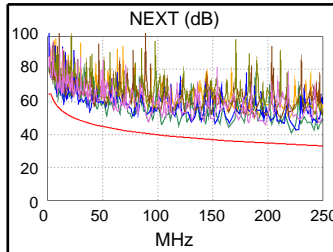


Wire Map (T568B)  
**PASS**

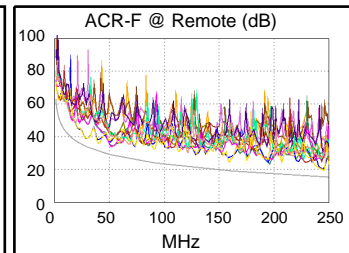
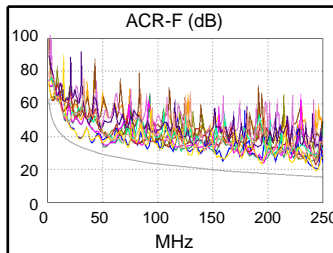


Worst Case Margin Worst Case Value

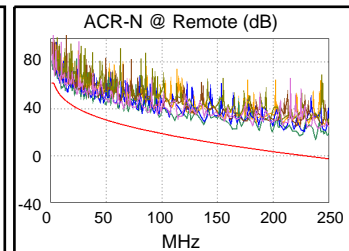
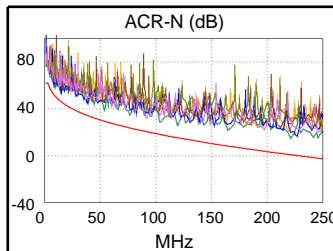
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
<b>NEXT (dB)</b>	5.2	5.5	7.2	8.4
Freq. (MHz)	9.4	9.5	221.5	238.0
Limit (dB)	57.0	56.9	34.0	33.5
Worst Pair	12	12	12	45
<b>PS NEXT (dB)</b>	6.7	7.0	8.4	11.1
Freq. (MHz)	14.5	9.5	221.5	238.0
Limit (dB)	51.3	54.4	31.1	30.5



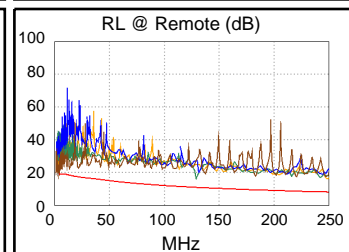
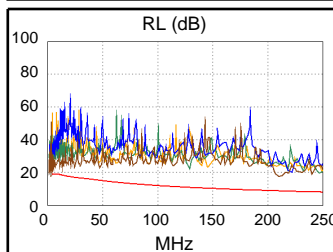
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	78-12	78-12	78-12
<b>ACR-F (dB)</b>	3.6	3.6	3.6	3.6
Freq. (MHz)	244.5	244.5	244.5	244.5
Limit (dB)	15.5	15.5	15.5	15.5
Worst Pair	12	78	12	78
<b>PS ACR-F (dB)</b>	6.3	5.7	6.3	5.7
Freq. (MHz)	244.5	244.0	244.5	244.0
Limit (dB)	12.5	12.5	12.5	12.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
<b>ACR-N (dB)</b>	6.2	6.5	13.6	15.4
Freq. (MHz)	9.4	9.5	221.5	238.0
Limit (dB)	50.9	50.8	0.6	-1.4
Worst Pair	45	12	12	45
<b>PS ACR-N (dB)</b>	7.8	8.2	15.7	18.1
Freq. (MHz)	9.4	9.5	221.5	238.0
Limit (dB)	48.3	48.2	-2.4	-4.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	36
<b>RL (dB)</b>	1.9	0.2*	8.4	4.8
Freq. (MHz)	3.8	3.8	210.5	129.5
Limit (dB)	19.0	19.0	8.8	10.9



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

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