



**Cable ID: UTP C6P 90M PL**

Date / Time: 08/12/2019 07:53:04 AM

Headroom 6.2 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 U/UTP

Operator: Your Name

Software Version: 2.7800

Limits Version: 1.9500

NVP: 73.8%

**Test Summary: PASS**

Model: DTX-1800

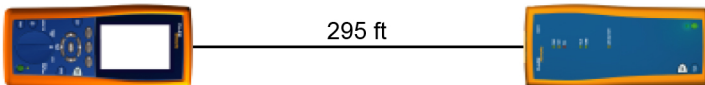
Main S/N: 1463022

Remote S/N: 1463023

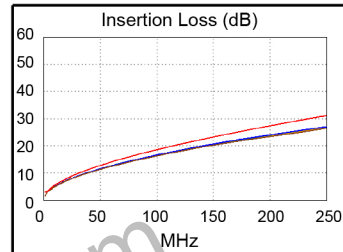
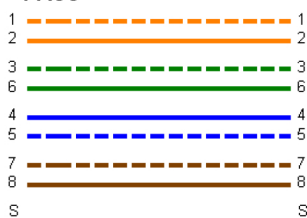
Main Adapter: DTX-PLA002

Remote Adapter: DTX-PLA002

Length (ft), Limit 295	[Pair 78]	295
Prop. Delay (ns), Limit 498	[Pair 45]	427
Delay Skew (ns), Limit 44	[Pair 45]	20
Resistance (ohms)	[Pair 36]	13.0
Insertion Loss Margin (dB)	[Pair 36]	4.0
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	31.1

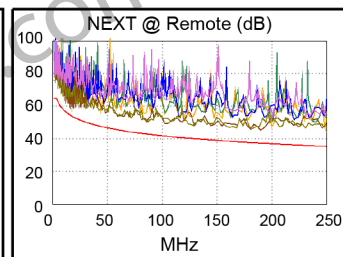
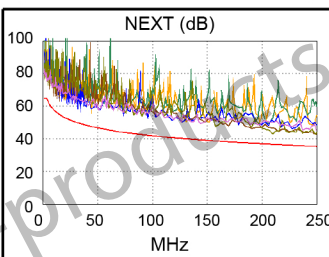


Wire Map (T568B)  
**PASS**

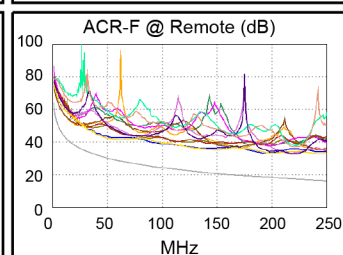
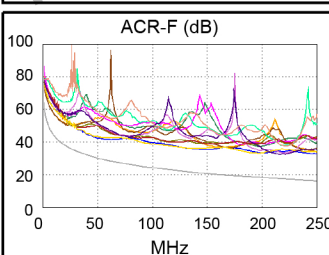


Worst Case Margin Worst Case Value

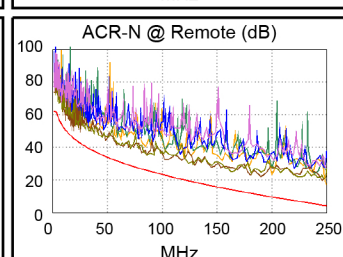
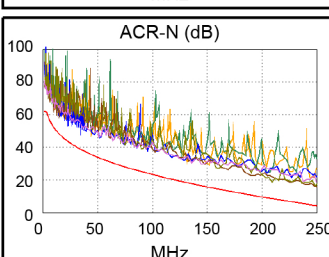
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-45	36-78	12-36
<b>NEXT (dB)</b>	6.2	6.4	6.5	8.9
Freq. (MHz)	208.5	18.0	225.5	250.0
Limit (dB)	36.6	53.8	36.1	35.3
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	6.3	6.7	7.0	7.4
Freq. (MHz)	225.5	86.0	248.5	180.0
Limit (dB)	33.5	40.4	32.7	35.1



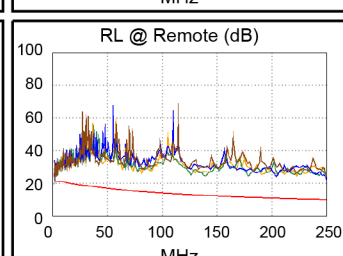
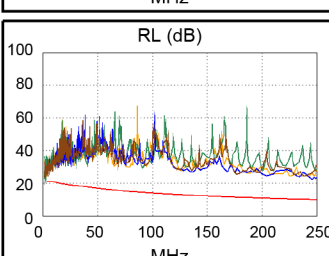
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	78-12	78-36	78-12
<b>ACR-F (dB)</b>	12.2	12.1	14.9	16.1
Freq. (MHz)	45.5	46.5	216.5	241.5
Limit (dB)	31.0	30.8	17.5	16.5
Worst Pair	36	36	78	12
<b>PS ACR-F (dB)</b>	10.6	10.7	15.5	16.4
Freq. (MHz)	1.0	1.0	218.5	250.0
Limit (dB)	61.2	61.2	14.4	13.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-45	36-45	12-36
<b>ACR-N (dB)</b>	10.2	7.1	11.5	12.9
Freq. (MHz)	208.5	16.8	250.0	250.0
Limit (dB)	8.6	47.1	4.2	4.2
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	10.1	7.9	10.9	13.8
Freq. (MHz)	225.5	16.8	248.5	249.0
Limit (dB)	4.1	44.7	1.8	1.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	45	45
<b>RL (dB)</b>	5.3	4.6	12.3	12.3
Freq. (MHz)	3.9	3.9	245.5	250.0
Limit (dB)	21.0	21.0	10.1	10.0



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