



**Cable ID: CAT6A-SFTP-PER-90M**

Date / Time: 07/15/2020 04:11:36 PM

Headroom 3.9 dB (NEXT 45-78)

Test Limit: TIA Cat 6A Perm. Link

Cable Type: Cat 6A F/UTP

NVP: 68.0%

Operator: IRANFLUKE

Software Version: 2.7800

Limits Version: 1.9500

**Test Summary: PASS**

Model: DTX-1800

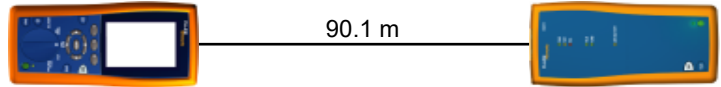
Main S/N: 9206015

Remote S/N: 9206016

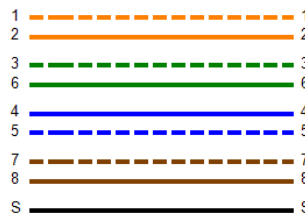
Main Adapter: DTX-PLA002

Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 12]	90.1
Prop. Delay (ns), Limit 498	[Pair 36]	477
Delay Skew (ns), Limit 44	[Pair 36]	35
Resistance (ohms)	[Pair 36]	12.0
Insertion Loss Margin (dB)	[Pair 45]	3.1
Frequency (MHz)	[Pair 45]	499.0
Limit (dB)	[Pair 45]	43.7

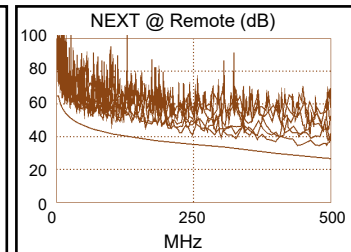
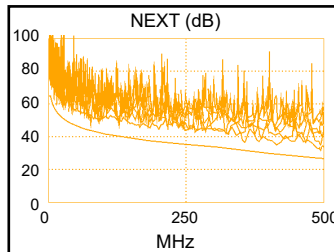


Wire Map (T568B)  
**PASS**

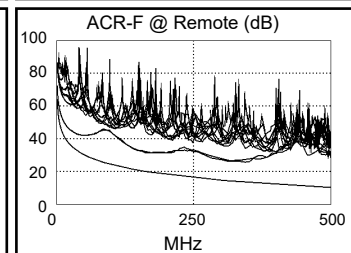
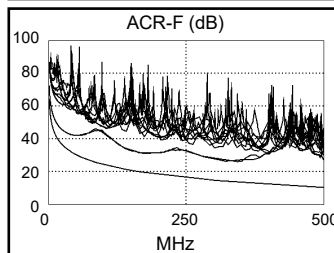


Worst Case Margin Worst Case Value

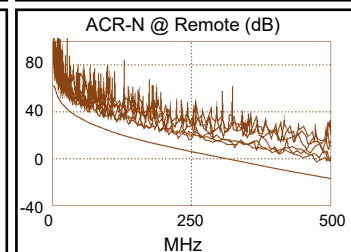
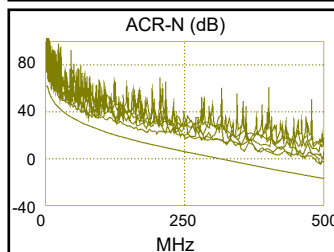
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	45-78
<b>NEXT (dB)</b>	3.9	4.5	4.9	5.0
Freq. (MHz)	76.5	325.0	494.0	475.0
Limit (dB)	43.7	32.8	26.8	27.4
Worst Pair	45	45	45	45
<b>PS NEXT (dB)</b>	5.4	5.7	5.9	7.2
Freq. (MHz)	76.5	328.0	494.0	475.0
Limit (dB)	41.2	30.1	23.9	24.5



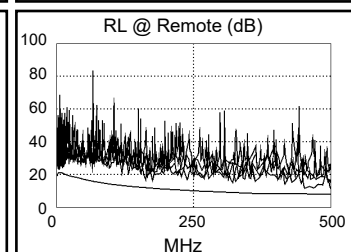
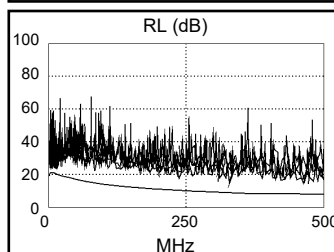
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
<b>ACR-F (dB)</b>	8.0	8.0	11.6	11.2
Freq. (MHz)	2.8	2.6	317.0	317.0
Limit (dB)	55.4	55.8	14.2	14.2
Worst Pair	45	45	45	78
<b>PS ACR-F (dB)</b>	10.5	10.6	14.7	17.9
Freq. (MHz)	1.0	1.0	344.0	499.0
Limit (dB)	61.2	61.2	10.5	7.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	45-78
<b>ACR-N (dB)</b>	5.9	6.6	11.6	11.8
Freq. (MHz)	76.3	9.9	494.0	475.0
Limit (dB)	28.2	52.4	-16.6	-15.1
Worst Pair	45	45	45	45
<b>PS ACR-N (dB)</b>	6.6	6.5	10.0	13.0
Freq. (MHz)	76.3	14.8	494.0	497.0
Limit (dB)	25.7	46.1	-19.5	-19.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	36	78	36
<b>RL (dB)</b>	5.0	1.6	6.7	1.6
Freq. (MHz)	4.6	464.0	463.0	464.0
Limit (dB)	21.0	8.0	8.0	8.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	10GBASE-T	ATM-25
ATM-51	ATM-155	100VG-AnyLan
TR-4	TR-16 Active	TR-16 Passive