



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

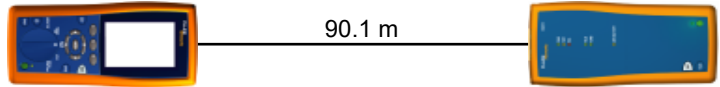
Main S/N: 9206015

Remote S/N: 9206016

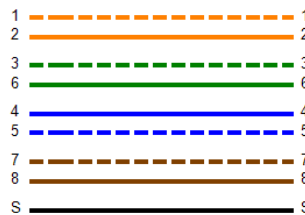
Main Adapter: DTX-PLA002

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

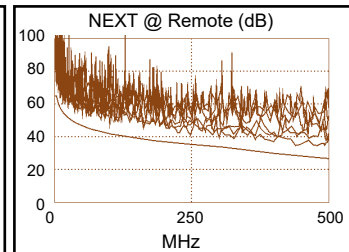
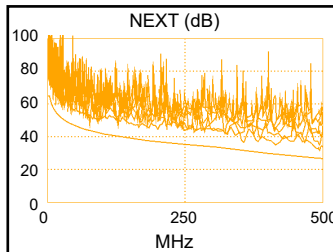


Wire Map (T568B)
PASS

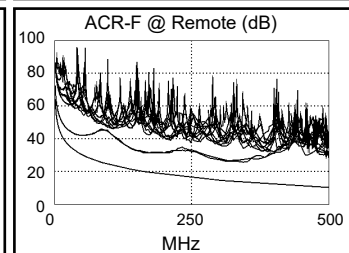
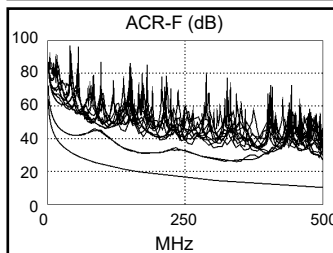


Worst Case Margin Worst Case Value

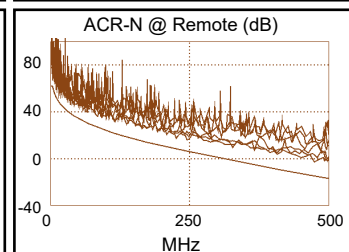
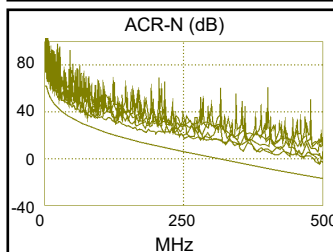
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	45-78
NEXT (dB)	3.9	4.5	4.9	5.0
Freq. (MHz)	76.5	325.0	494.0	475.0
Limit (dB)	43.7	32.8	26.8	27.4
Worst Pair	45	45	45	45
PS NEXT (dB)	5.4	5.7	5.9	7.2
Freq. (MHz)	76.5	328.0	494.0	475.0
Limit (dB)	41.2	30.1	23.9	24.5



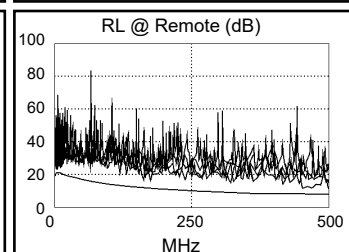
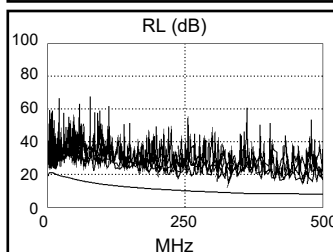
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	8.0	8.0	11.6	11.2
Freq. (MHz)	2.8	2.6	317.0	317.0
Limit (dB)	55.4	55.8	14.2	14.2
Worst Pair	45	45	45	78
PS ACR-F (dB)	10.5	10.6	14.7	17.9
Freq. (MHz)	1.0	1.0	344.0	499.0
Limit (dB)	61.2	61.2	10.5	7.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	45-78
ACR-N (dB)	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
PS ACR-N (dB)	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
RL (dB)	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