



Cable ID: S-FTP-CAT7-0.56

Date / Time: 06/26/2019 03:16:55 AM

Headroom 7.5 dB (NEXT 12-45)

Test Limit: ISO11801 PL Class F

Cable Type: Cat 7 S/FTP

NVP: 78.0%

Operator: LW Electronic GmbH

Software Version: 2.7800

Limits Version: 1.9500

Calibration Date:

Main (Tester): 03/25/2023

Remote (Tester): 03/25/2023

Test Summary: PASS

Model: DTX-1800

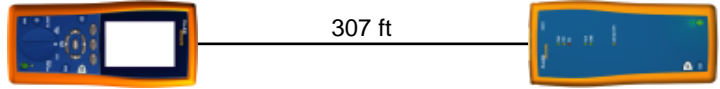
Main S/N: 9485115

Remote S/N: 9485116

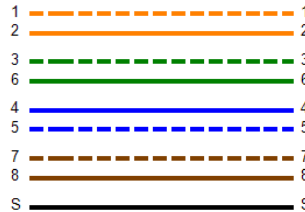
Main Adapter: DTX-PLA011

Remote Adapter: DTX-PLA011

Length (ft)	[Pair 45]	307
Prop. Delay (ns), Limit 498	[Pair 36]	407
Delay Skew (ns), Limit 26	[Pair 36]	7
Resistance (ohms), Limit 21.0	[Pair 12]	13.0
Insertion Loss Margin (dB)	[Pair 36]	4.2
Frequency (MHz)	[Pair 36]	600.0
Limit (dB)	[Pair 36]	46.6

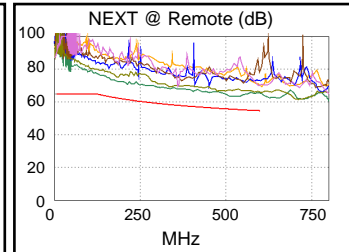
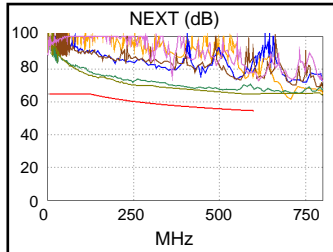


Wire Map (T568B)
PASS

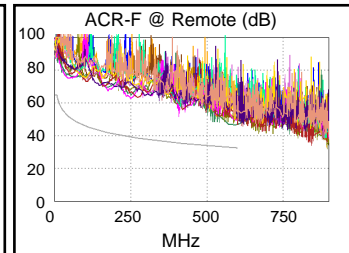
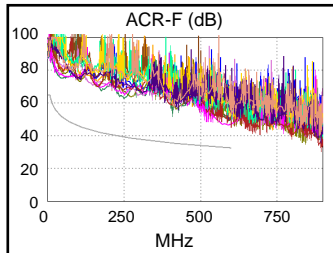


Worst Case Margin Worst Case Value

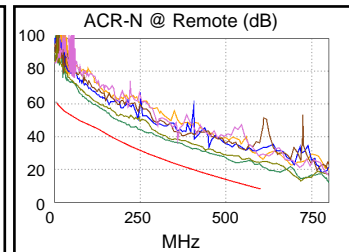
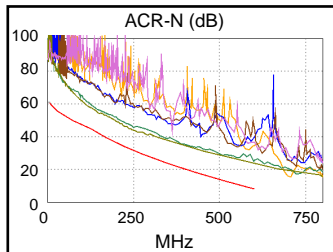
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-45	36-78	12-45
NEXT (dB)	9.1	7.5	9.1	7.5
Freq. (MHz)	593.0	526.0	593.0	526.0
Limit (dB)	54.8	55.6	54.8	55.6
Worst Pair	78	12	78	12
PS NEXT (dB)	11.8	10.1	11.8	10.1
Freq. (MHz)	593.0	511.0	593.0	526.0
Limit (dB)	51.8	52.8	51.8	52.6



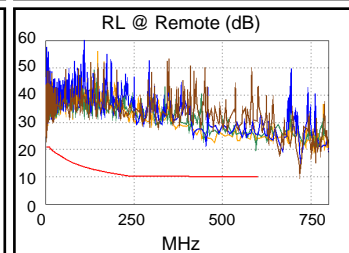
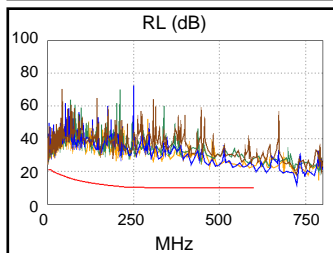
N/A	MAIN	SR	MAIN	SR
Worst Pair	45-12	12-45	45-12	12-45
ACR-F (dB)	13.3	13.2	13.5	13.3
Freq. (MHz)	577.0	577.0	596.0	596.0
Limit (dB)	32.9	32.9	32.6	32.6
Worst Pair	12	45	12	45
PS ACR-F (dB)	14.4	14.7	14.4	14.7
Freq. (MHz)	596.0	593.0	596.0	593.0
Limit (dB)	29.6	29.7	29.6	29.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-45	36-78	12-45
ACR-N (dB)	12.0	11.3	13.7	14.2
Freq. (MHz)	149.5	213.0	593.0	595.0
Limit (dB)	41.9	35.0	8.5	8.4
Worst Pair	36	45	36	45
PS ACR-N (dB)	14.7	13.6	16.1	16.0
Freq. (MHz)	149.5	359.0	594.0	595.0
Limit (dB)	38.9	20.0	5.5	5.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	45	36
RL (dB)	9.0	7.7	11.2	11.5
Freq. (MHz)	4.0	4.0	565.0	595.0
Limit (dB)	21.0	21.0	10.0	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