



Cable ID: FTP C6P 90M PL

Date / Time: 08/14/2019 11:21:52 AM

Headroom 5.2 dB (NEXT 12-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 F/UTP

Operator: Your Name

Software Version: 2.7800

Limits Version: 1.9500

NVP: 70.0%

Test Summary: PASS

Model: DTX-1800

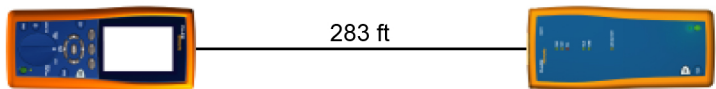
Main S/N: 1463022

Remote S/N: 1463023

Main Adapter: DTX-PLA002

Remote Adapter: DTX-PLA002

Length (ft), Limit 295	[Pair 78]	283
Prop. Delay (ns), Limit 498	[Pair 45]	445
Delay Skew (ns), Limit 44	[Pair 45]	34
Resistance (ohms)	[Pair 45]	13.7
Insertion Loss Margin (dB)	[Pair 45]	4.2
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	31.1



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-45	36-78	36-78
NEXT (dB)	5.2	7.3	7.0	8.7
Freq. (MHz)	168.5	87.5	237.5	250.0
Limit (dB)	38.1	42.8	35.7	35.3
Worst Pair	78	12	36	36
PS NEXT (dB)	6.0	7.4	6.9	8.9
Freq. (MHz)	168.5	87.3	246.5	249.5
Limit (dB)	35.6	40.3	32.8	32.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	10.3	10.5	10.3	10.5
Freq. (MHz)	223.5	221.5	223.5	223.5
Limit (dB)	17.2	17.3	17.2	17.2
Worst Pair	36	36	36	36
PS ACR-F (dB)	8.1	8.4	11.6	11.7
Freq. (MHz)	1.0	1.0	225.0	223.5
Limit (dB)	61.2	61.2	14.1	14.2

N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	36-45	36-45
ACR-N (dB)	7.7	9.1	12.0	12.8
Freq. (MHz)	68.8	87.5	250.0	245.0
Limit (dB)	29.3	25.5	4.2	4.7
Worst Pair	36	36	36	36
PS ACR-N (dB)	9.1	9.8	11.8	13.8
Freq. (MHz)	5.0	47.3	247.0	249.5
Limit (dB)	56.3	32.2	1.9	1.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	36	78	36	78
RL (dB)	3.7	3.9	9.1	7.4
Freq. (MHz)	3.8	5.0	230.0	199.0
Limit (dB)	21.0	21.0	10.4	11.0

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

