



Cable ID: CAT6-UTP-PER-90M

Date / Time: 05/26/2021 10:31:24 AM

Headroom 5.8 dB (NEXT 36-45)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: PANATEL

Software Version: 2.7800

Limits Version: 1.9500

Test Summary: PASS

Model: DTX-1800

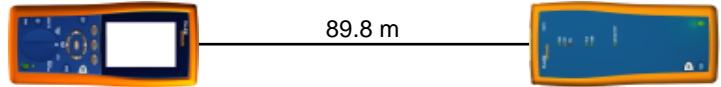
Main S/N: 9677015

Remote S/N: 9677016

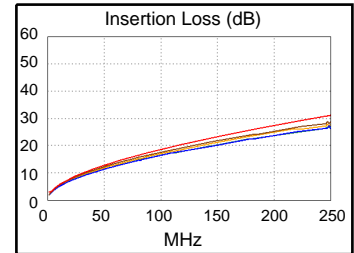
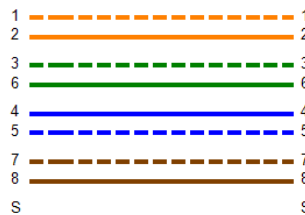
Main Adapter: DTX-PLA002

Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	89.8
Prop. Delay (ns), Limit 498	[Pair 78]	465
Delay Skew (ns), Limit 44	[Pair 78]	31
Resistance (ohms)	[Pair 78]	13.2
Insertion Loss Margin (dB)	[Pair 78]	2.1
Frequency (MHz)	[Pair 78]	247.0
Limit (dB)	[Pair 78]	30.9

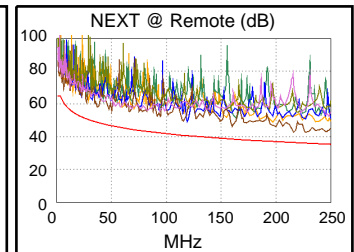
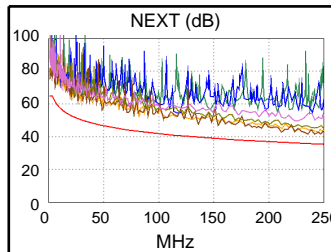


Wire Map (T568B)
PASS

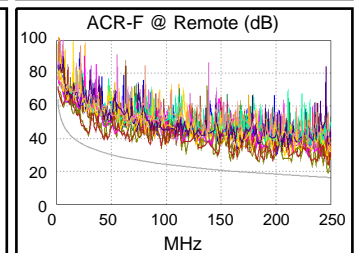
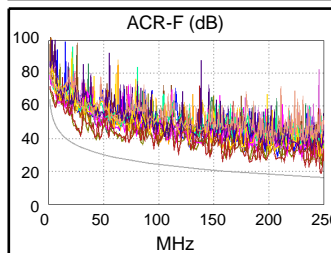


Worst Case Margin Worst Case Value

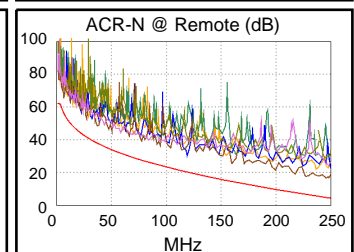
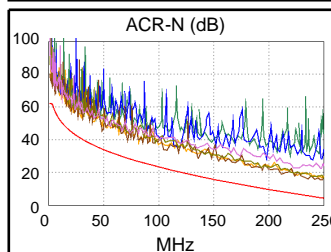
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	5.8	6.3	5.8	6.3
Freq. (MHz)	235.5	216.0	236.0	216.0
Limit (dB)	35.8	36.4	35.7	36.4
Worst Pair	36	36	36	36
PS NEXT (dB)	5.5	8.6	5.5	8.7
Freq. (MHz)	241.5	216.0	243.5	227.5
Limit (dB)	33.0	33.8	32.9	33.4



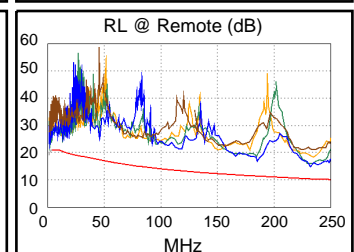
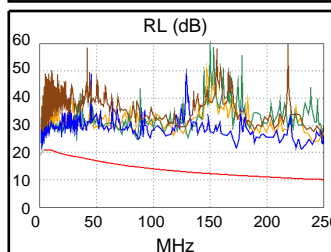
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	2.6	2.9	2.6	2.9
Freq. (MHz)	247.5	247.5	247.5	247.5
Limit (dB)	16.3	16.3	16.3	16.3
Worst Pair	36	45	36	45
PS ACR-F (dB)	5.4	5.4	5.4	5.4
Freq. (MHz)	247.5	247.5	247.5	247.5
Limit (dB)	13.3	13.3	13.3	13.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	9.9	9.2	10.3	12.0
Freq. (MHz)	5.9	6.4	242.0	245.5
Limit (dB)	57.2	56.5	5.0	4.7
Worst Pair	36	36	36	36
PS ACR-N (dB)	9.2	10.3	9.2	13.5
Freq. (MHz)	243.0	6.5	243.0	246.5
Limit (dB)	2.3	54.0	2.3	2.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	45	45	45
RL (dB)	4.3	4.4	10.6	4.4
Freq. (MHz)	3.8	232.5	232.5	232.5
Limit (dB)	21.0	10.3	10.3	10.3



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	