



Cable ID: CAT6 97M

Test Summary: PASS

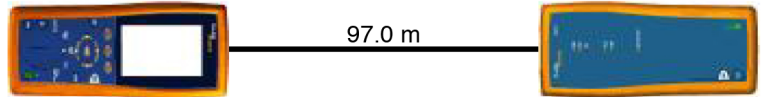
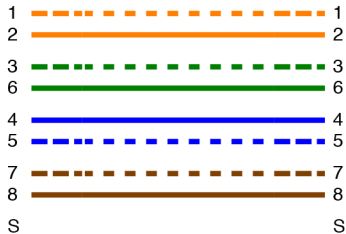
Date / Time: 05/28/2019 17:47:48
Headroom: 2.2 dB (NEXT 12-78)
Test Limit: TIA Cat 6 Channel
Cable Type: Cat 6 UTP

Software Version: 2.2200
Limits Version: 1.3700
NVP: 69.0%

Model: DTX-1800
Main S/N: 8999031
Remote S/N: 8999032
Main Adapter: DTX-CHA001
Remote Adapter: DTX-CHA001

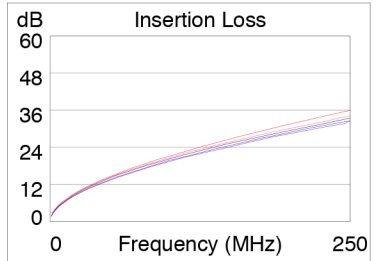
Wire Map (T568B)

PASS

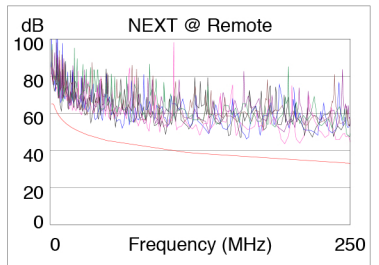
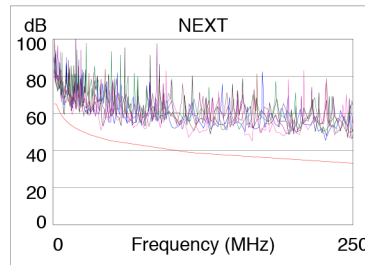


Length (m), Limit 100.0 [Pair 78] 97.0
Prop. Delay (ns), Limit 555 485
Delay Skew (ns), Limit 50 16
Resistance (ohms) [Pair 12] 14.7

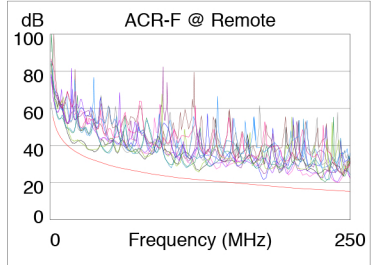
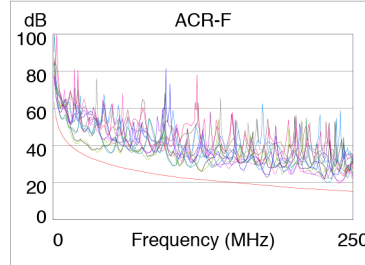
Insertion Loss Margin (dB) [Pair 36] 1.8
Frequency (MHz) [Pair 36] 250.0
Limit (dB) [Pair 36] 35.9



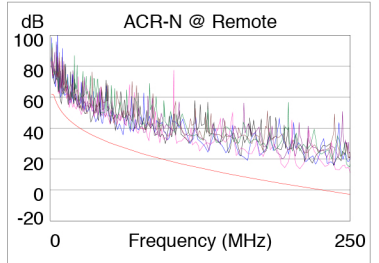
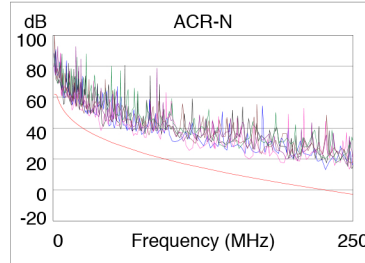
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-45	12-45
NEXT (dB)	2.2	4.0	7.8	8.9
Freq. (MHz)	9.1	9.4	165.5	209.0
Limit (dB)	57.2	57.0	36.2	34.5
Worst Pair	12	12	12	45
PS NEXT (dB)	3.2	4.8	9.8	10.8
Freq. (MHz)	9.1	9.0	165.5	195.5
Limit (dB)	54.7	54.8	33.3	32.0



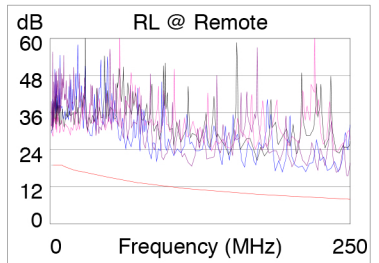
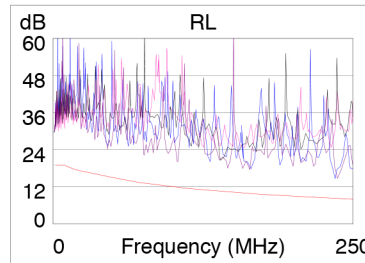
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	12-45	12-45
ACR-F (dB)	3.3	3.4	3.6	4.3
Freq. (MHz)	18.6	18.8	238.5	238.5
Limit (dB)	37.9	37.8	15.7	15.7
Worst Pair	45	45	45	12
PS ACR-F (dB)	5.7	5.4	5.7	5.5
Freq. (MHz)	238.5	226.5	238.5	237.5
Limit (dB)	12.7	13.2	12.7	12.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-36	12-45
ACR-N (dB)	2.8	4.6	13.3	13.9
Freq. (MHz)	9.1	9.4	227.0	250.0
Limit (dB)	51.2	50.9	-0.1	-2.8
Worst Pair	12	12	12	45
PS ACR-N (dB)	3.8	5.4	17.4	16.1
Freq. (MHz)	9.1	9.0	249.0	250.0
Limit (dB)	48.6	48.7	-5.7	-5.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	78
RL (dB)	6.4	6.7	6.4	7.4
Freq. (MHz)	235.0	188.5	235.0	247.5
Limit (dB)	8.3	9.2	8.3	8.1



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	