LINKWARE
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: CAT6 54M

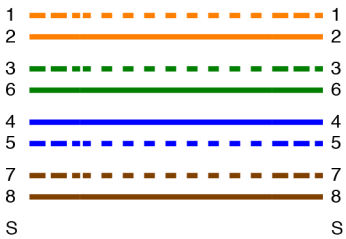
Test Summary: PASS

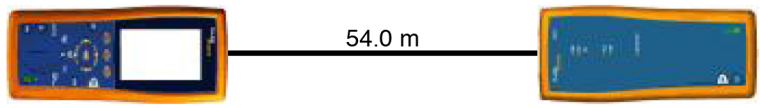
Date / Time: 11/21/2019 12:19:20
Headroom: 6.5 dB (NEXT 12-78)
Test Limit: TIA Cat 6 Channel
Cable Type: Cat 6 U/UTP

Software Version: 2.7800
Limits Version: 1.9500
NVP: 69.0%

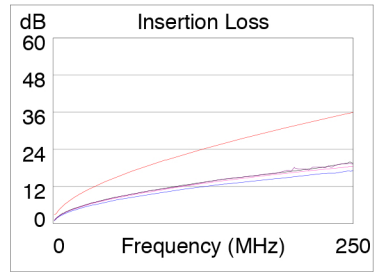
Model: DTX-1800
Main S/N: 8999031
Remote S/N: 8999032
Main Adapter: DTX-CHA001
Remote Adapter: DTX-CHA001

Wire Map (T568B)
PASS

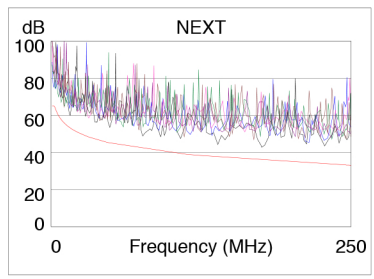


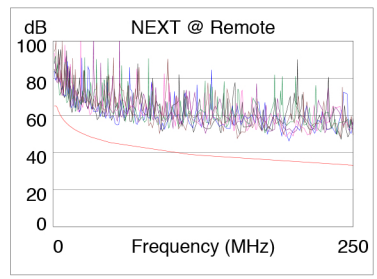


Length (m), Limit 100.0	[Pair 78]	54.0
Prop. Delay (ns), Limit 555		273
Delay Skew (ns), Limit 50		12
Resistance (ohms)	[Pair 78]	8.4
Insertion Loss Margin (dB)	[Pair 45]	15.8
Frequency (MHz)	[Pair 45]	247.5
Limit (dB)	[Pair 45]	35.7

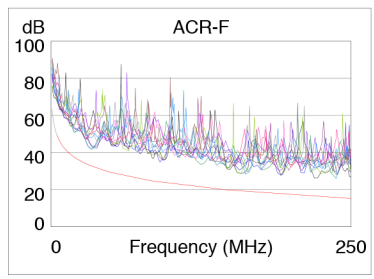


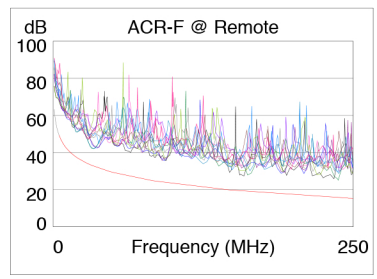
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-36
NEXT (dB)	6.5	8.1	6.9	11.3
Freq. (MHz)	15.6	15.6	176.0	196.5
Limit (dB)	53.4	53.4	35.7	34.9
Worst Pair	12	12	12	78
PS NEXT (dB)	7.6	8.9	9.7	13.3
Freq. (MHz)	15.6	15.4	228.5	239.5
Limit (dB)	50.8	50.9	30.8	30.5



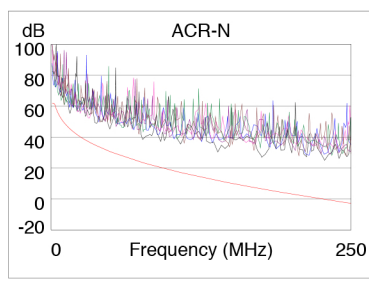


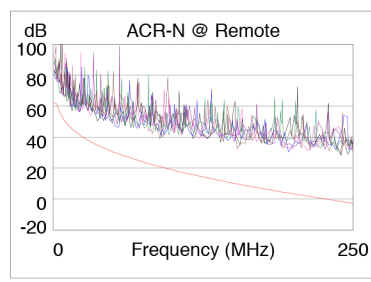
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	36-45
ACR-F (dB)	8.4	7.7	9.4	9.2
Freq. (MHz)	156.5	158.5	220.0	238.0
Limit (dB)	19.4	19.3	16.4	15.7
Worst Pair	36	12	36	12
PS ACR-F (dB)	9.5	9.2	11.3	10.8
Freq. (MHz)	33.3	156.5	238.0	220.5
Limit (dB)	29.8	16.4	12.7	13.4



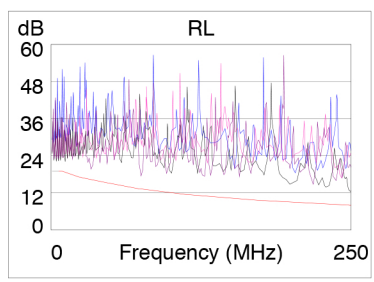


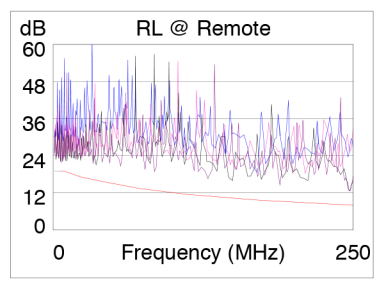
N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
ACR-N (dB)	9.9	11.5	24.4	29.6
Freq. (MHz)	15.6	15.6	228.5	239.5
Limit (dB)	45.5	45.5	-0.3	-1.6
Worst Pair	78	12	78	78
PS ACR-N (dB)	10.8	12.7	26.7	29.3
Freq. (MHz)	10.8	15.5	228.5	239.5
Limit (dB)	46.9	42.9	-3.2	-4.6





PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	78
RL (dB)	3.0	2.5	4.5	4.5
Freq. (MHz)	8.1	8.1	249.5	247.0
Limit (dB)	19.0	19.0	8.0	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	

LinkWare Version 6.2

Project: Netexpertos
Site: www.netexpertos.cl

FLUKE networks