



Cable ID: CAT5E 50M

Test Summary: PASS

Date / Time: 11/21/2019 12:07:26

Headroom: 7.4 dB (NEXT 36-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

Software Version: 2.7800

Limits Version: 1.9500

NVP: 69.0%

Model: DTX-1800

Main S/N: 8999031

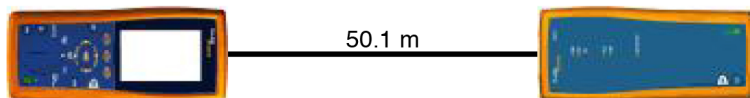
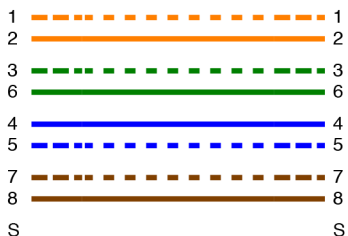
Remote S/N: 8999032

Main Adapter: DTX-CHA001

Remote Adapter: DTX-CHA001

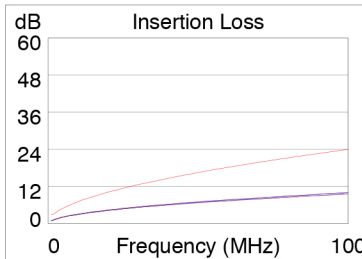
Wire Map (T568B)

PASS



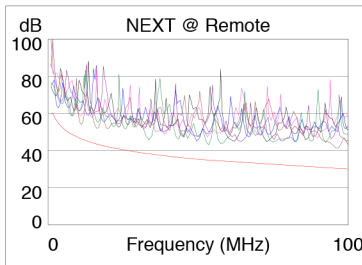
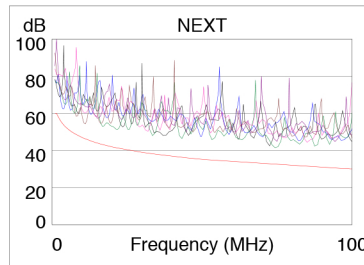
Length (m), Limit 100.0 [Pair 45] 50.1
Prop. Delay (ns), Limit 555 249
Delay Skew (ns), Limit 50 7
Resistance (ohms) [Pair 78] 11.9

Insertion Loss Margin (dB) [Pair 78] 13.9
Frequency (MHz) [Pair 78] 100.0
Limit (dB) [Pair 78] 24.0

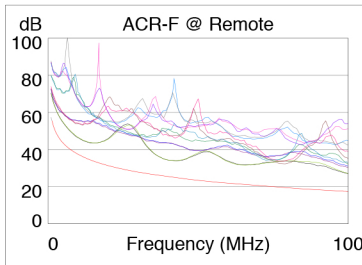
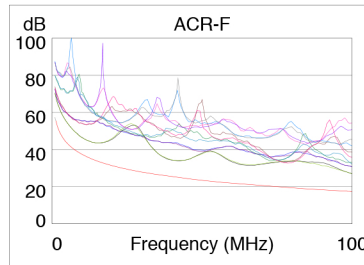


Worst Case Margin Worst Case Value

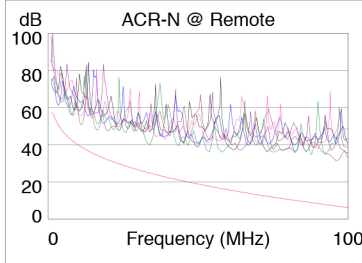
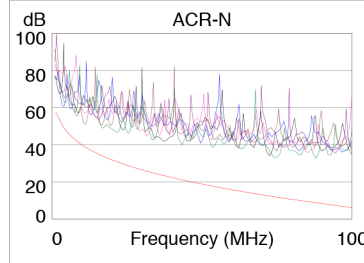
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	36-78	36-78	45-78
NEXT (dB)	7.9	7.4	9.2	10.7
Freq. (MHz)	10.9	33.5	74.3	96.3
Limit (dB)	46.4	38.2	32.3	30.4
Worst Pair	36	45	36	78
PS NEXT (dB)	9.1	9.0	10.4	13.2
Freq. (MHz)	3.8	10.9	74.8	96.0
Limit (dB)	51.0	43.4	29.3	27.4



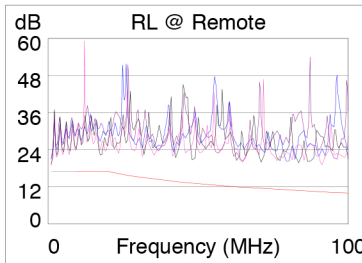
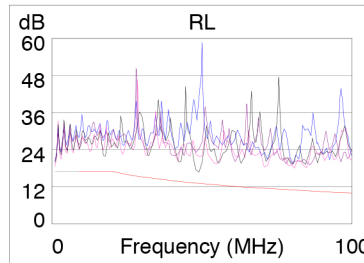
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
ACR-F (dB)	8.9	8.8	9.6	9.6
Freq. (MHz)	10.9	10.3	99.8	99.8
Limit (dB)	36.7	37.2	17.4	17.4
Worst Pair	12	12	12	12
PS ACR-F (dB)	11.1	11.1	11.1	11.1
Freq. (MHz)	100.0	99.8	100.0	99.8
Limit (dB)	14.4	14.4	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-78	45-78
ACR-N (dB)	10.6	10.4	24.0	24.4
Freq. (MHz)	3.5	3.1	88.0	96.3
Limit (dB)	50.3	51.4	8.6	6.8
Worst Pair	36	36	36	78
PS ACR-N (dB)	11.7	11.8	26.8	26.8
Freq. (MHz)	3.8	3.3	92.8	96.0
Limit (dB)	46.7	48.0	4.6	3.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	36
RL (dB)	3.5	5.0	3.5	8.8
Freq. (MHz)	48.5	17.6	48.8	91.0
Limit (dB)	13.2	17.0	13.1	10.4



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	