



Cable ID: 52210

Date / Time: 01/16/2017 03:59:11 PM

Headroom 6.8 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 F/UTP

NVP: 70.0%

Operator: Your Name

Software Version: 2.7800

Limits Version: 1.9500

Calibration Date:

Main (Tester): 11/01/2016

Remote (Tester): 11/01/2016

Test Summary: PASS

Model: DTX-1800

Main S/N: 3178039

Remote S/N: 3178046

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	34
Prop. Delay (ns), Limit 555	[Pair 36]	51
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 36]	2.5
Insertion Loss Margin (dB)	[Pair 12]	32.3
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9

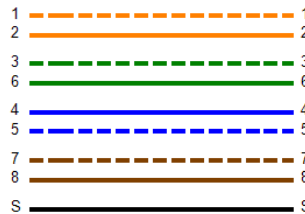


34 ft

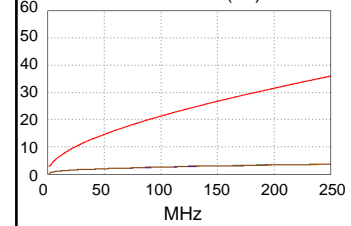


Wire Map (T568B)

PASS

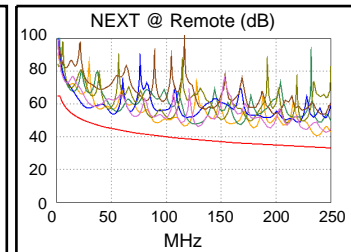
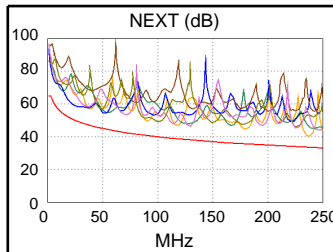


Insertion Loss (dB)

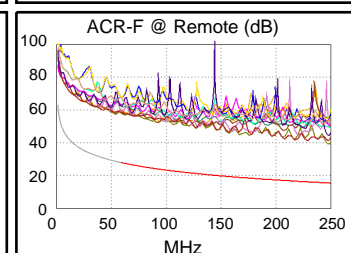
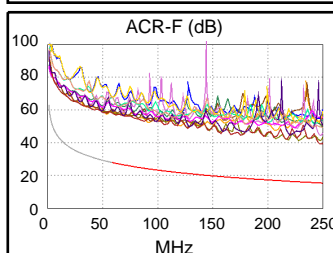


Worst Case Margin Worst Case Value

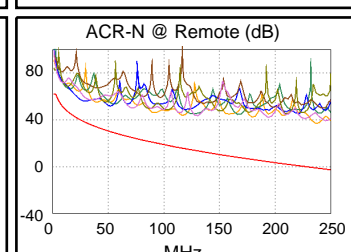
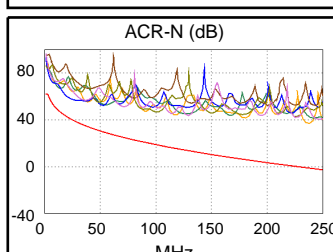
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
NEXT (dB)	6.8	7.0	6.8	7.0
Freq. (MHz)	237.0	237.5	237.0	237.5
Limit (dB)	33.5	33.5	33.5	33.5
Worst Pair	12	12	12	12
PS NEXT (dB)	8.7	8.6	8.7	9.3
Freq. (MHz)	237.0	117.5	237.0	237.5
Limit (dB)	30.6	35.9	30.6	30.5



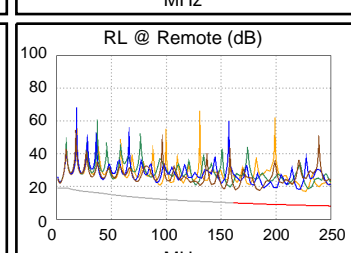
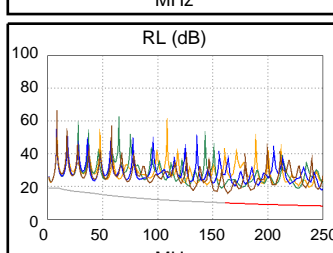
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	23.8	23.8	23.8	23.8
Freq. (MHz)	247.5	247.5	247.5	247.5
Limit (dB)	15.4	15.4	15.4	15.4
Worst Pair	45	45	36	45
PS ACR-F (dB)	25.5	24.9	26.3	26.5
Freq. (MHz)	1.0	1.0	248.5	247.5
Limit (dB)	60.3	60.3	12.4	12.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-36	12-36
ACR-N (dB)	17.2	17.3	38.1	38.4
Freq. (MHz)	22.8	24.9	237.0	237.5
Limit (dB)	41.1	40.0	-1.3	-1.4
Worst Pair	12	12	12	12
PS ACR-N (dB)	17.9	18.6	40.1	40.6
Freq. (MHz)	7.6	9.9	237.0	237.5
Limit (dB)	50.4	47.8	-4.3	-4.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	12
RL (dB)	5.8	8.0	5.8	8.3
Freq. (MHz)	164.0	163.5	164.0	225.5
Limit (dB)	9.9	9.9	9.9	8.5



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	