



Cable ID: 52060

Date / Time: 02/16/2017 12:14:32 PM

Headroom **6.2 dB (NEXT 36-78)**

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

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

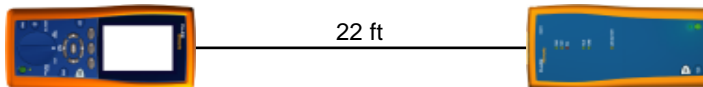
Main S/N: 3178039

Remote S/N: 3178046

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 36]	22
Prop. Delay (ns), Limit 555	[Pair 12]	33
Delay Skew (ns), Limit 50	[Pair 12]	1
Resistance (ohms)	[Pair 12]	1.5
Insertion Loss Margin (dB)	[Pair 12]	32.5
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9

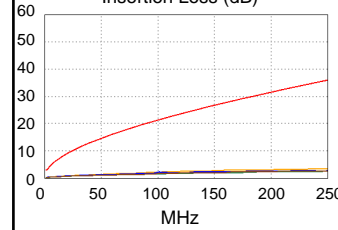


Wire Map (T568B)

PASS

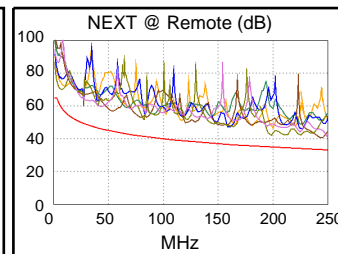
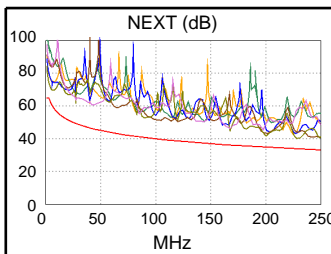


Insertion Loss (dB)

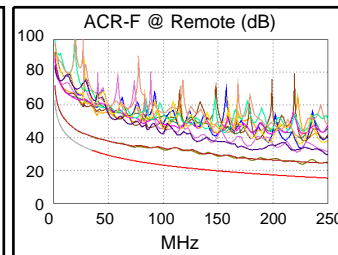
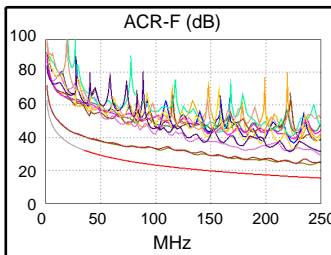


Worst Case Margin Worst Case Value

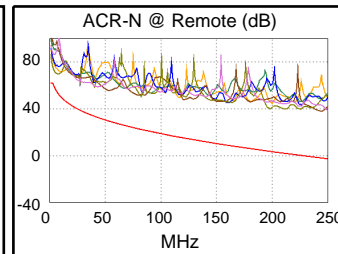
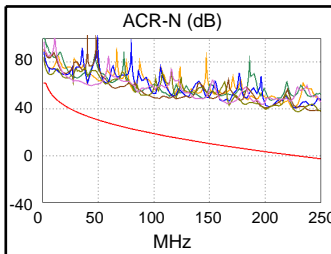
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-45
NEXT (dB)	6.2	7.0	6.2	7.2
Freq. (MHz)	229.0	197.5	229.0	244.5
Limit (dB)	33.8	34.9	33.8	33.3
Worst Pair	36	78	36	45
PS NEXT (dB)	6.7	8.1	7.3	8.7
Freq. (MHz)	228.0	224.5	248.5	244.5
Limit (dB)	30.9	31.0	30.2	30.3



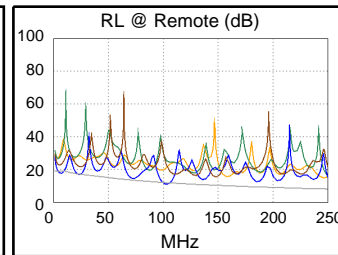
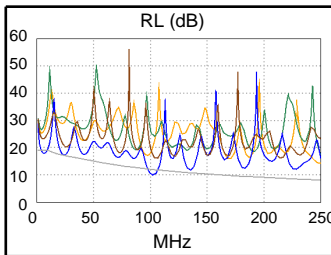
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	7.6	7.6	7.7	8.0
Freq. (MHz)	22.1	21.9	240.5	240.5
Limit (dB)	36.4	36.5	15.6	15.6
Worst Pair	36	36	45	36
PS ACR-F (dB)	10.4	10.1	10.7	10.1
Freq. (MHz)	225.0	240.0	240.5	240.5
Limit (dB)	13.2	12.7	12.6	12.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-45
ACR-N (dB)	12.3	13.4	37.8	40.1
Freq. (MHz)	3.1	3.5	229.0	244.5
Limit (dB)	61.2	60.2	-0.4	-2.2
Worst Pair	36	36	36	45
PS ACR-N (dB)	13.5	15.0	40.6	41.6
Freq. (MHz)	3.3	3.3	249.5	244.5
Limit (dB)	58.4	58.4	-5.7	-5.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	45	45
RL (dB)	6.2	6.8	-2.0	-1.0
Freq. (MHz)	248.0	246.5	101.5	102.5
Limit (dB)	8.1	8.1	11.9	11.9



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	