



Cable ID: CAT6-CH-1M

Date / Time: 01/18/2014 05:58:19 PM

Headroom 27.2 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 UTP

Calibration Date: 10/02/2007

Operator: PETER

Software Version: 2.1200

Limits Version: 1.2800

NVP: 69.0%

Test Summary: PASS

Model: DTX-1800

Main S/N: 9522103

Remote S/N: 9522104

Main Adapter: DTX-CHA001

Remote Adapter: DTX-CHA001

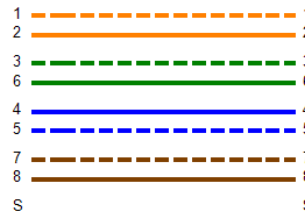
Length (ft), Limit 328	[Pair 12]	3
Prop. Delay (ns), Limit 555	[Pair 12]	5
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 78]	0.6
Insertion Loss Margin (dB)	[Pair 12]	28.7
Frequency (MHz)	[Pair 12]	174.0
Limit (dB)	[Pair 12]	29.1



3 ft

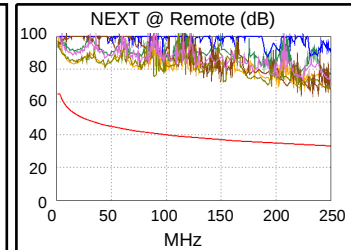
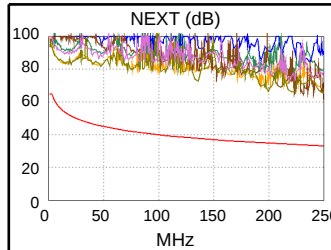


Wire Map (T568B)
PASS

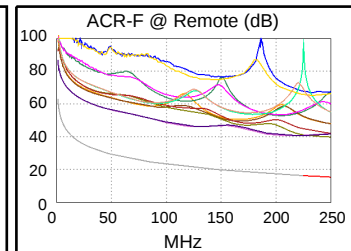
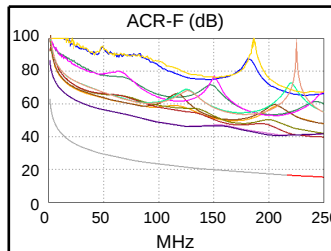


Worst Case Margin Worst Case Value

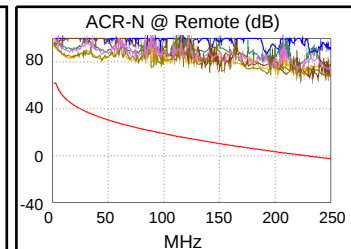
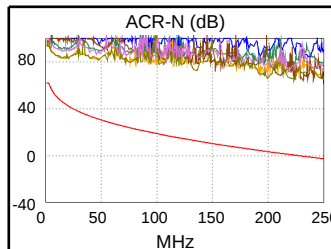
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	36-45
NEXT (dB)	27.2	27.2	30.6	32.0
Freq. (MHz)	3.5	2.6	231.5	238.5
Limit (dB)	64.0	65.0	33.7	33.5
Worst Pair	36	36	36	36
PS NEXT (dB)	26.7	26.9	31.3	32.3
Freq. (MHz)	3.5	3.3	249.5	223.0
Limit (dB)	61.5	62.0	30.2	31.0



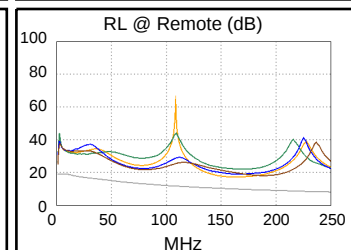
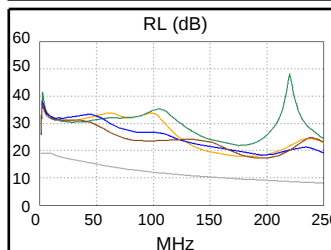
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-36	36-78	45-36	36-45
ACR-F (dB)	23.7	23.6	24.4	24.4
Freq. (MHz)	201.5	201.5	248.5	248.5
Limit (dB)	17.2	17.2	15.4	15.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	24.5	25.9	24.8	26.0
Freq. (MHz)	225.0	224.0	248.5	249.0
Limit (dB)	13.2	13.3	12.4	12.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	36-45
ACR-N (dB)	30.9	30.4	64.8	66.8
Freq. (MHz)	3.5	2.6	231.5	238.5
Limit (dB)	60.2	61.7	-0.7	-1.5
Worst Pair	36	36	36	36
PS ACR-N (dB)	30.4	30.4	67.0	65.6
Freq. (MHz)	3.5	3.3	249.5	223.0
Limit (dB)	57.7	58.4	-5.7	-2.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12	78	78	12
RL (dB)	6.6	6.0	8.0	7.1
Freq. (MHz)	1.0	1.0	193.5	159.0
Limit (dB)	19.0	19.0	9.1	10.0



Compliant Network Standards:

10BASE-T 100BASE-TX
1000BASE-T ATM-25
ATM-155 100VG-AnyLan
TR-16 Active TR-16 Passive

100BASE-T4
ATM-51
TR-4