



Cable ID: C6FLAT-CH-30M

Date / Time: 07/26/2014 11:33:53 AM

Headroom 6.2 dB (NEXT 12-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 UTP

Calibration Date: 10/02/2007

Operator: PETER

Software Version: 2.7400

Limits Version: 1.9300

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

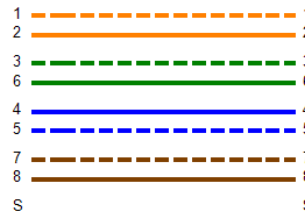
Length (ft), Limit 328	[Pair 78]	113
Prop. Delay (ns), Limit 555	[Pair 36]	169
Delay Skew (ns), Limit 50	[Pair 36]	3
Resistance (ohms)	[Pair 36]	34.3
Insertion Loss Margin (dB)	[Pair 12]	0.7*
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	35.9



113 ft



Wire Map (T568B) PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	36-45
NEXT (dB)	6.2	6.3	14.2	9.8
Freq. (MHz)	6.8	6.5	241.0	184.0
Limit (dB)	59.4	59.6	33.4	35.4
Worst Pair	78	78	45	45
PS NEXT (dB)	7.6	8.0	15.7	12.6
Freq. (MHz)	7.0	7.0	241.5	185.5
Limit (dB)	56.6	56.6	30.4	32.4

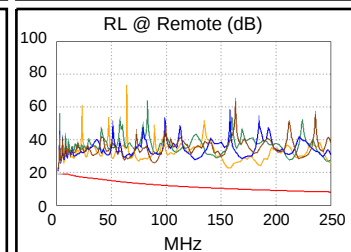
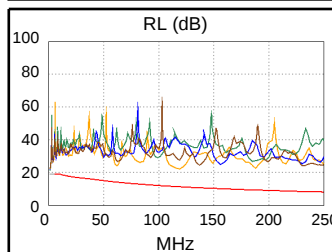
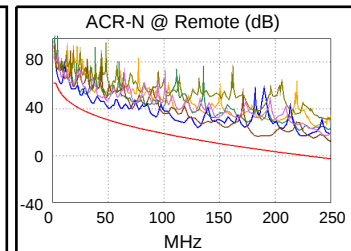
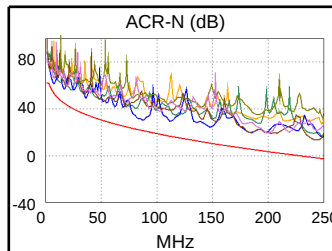
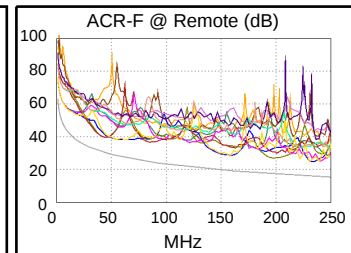
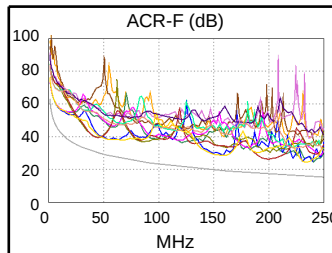
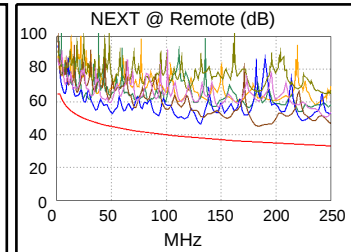
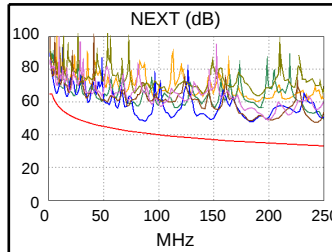
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	78-12	12-45	78-12
ACR-F (dB)	8.6	8.4	8.9	8.4
Freq. (MHz)	231.5	231.5	240.5	231.5
Limit (dB)	16.0	16.0	15.6	16.0
Worst Pair	12	12	45	12
PS ACR-F (dB)	11.1	9.3	11.2	9.3
Freq. (MHz)	234.0	239.5	240.5	239.5
Limit (dB)	12.9	12.7	12.6	12.7

N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	36-45
ACR-N (dB)	7.9	7.9	15.4	15.0
Freq. (MHz)	6.8	6.5	244.5	249.5
Limit (dB)	54.2	54.5	-2.2	-2.8
Worst Pair	78	12	45	45
PS ACR-N (dB)	9.3	9.7	16.7	16.6
Freq. (MHz)	7.0	6.3	243.0	248.5
Limit (dB)	51.3	52.4	-5.0	-5.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	45	12	12	12
RL (dB)	9.7	7.1	10.7	12.2
Freq. (MHz)	6.8	6.6	118.0	157.5
Limit (dB)	19.0	19.0	11.3	10.0

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	



* Measurement is within the accuracy limits of the instrument.

LinkWare Version 8.1