



Cable ID: C6A2- HD/PATCH Channel

Date / Time: 08/15/2013 01:07:26 PM

Headroom 9.1 dB (NEXT 36-78)

Test Limit: TIA Cat 6A Channel

Cable Type: Cat 6A UTP

Calibration Date: 08/23/2012

Operator: M. Neang

Software Version: 2.7400

Limits Version: 1.9300

NVP: 68.2%

Test Summary: PASS

Model: DTX-1800

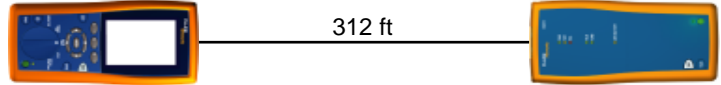
Main S/N: 9503051

Remote S/N: 9503052

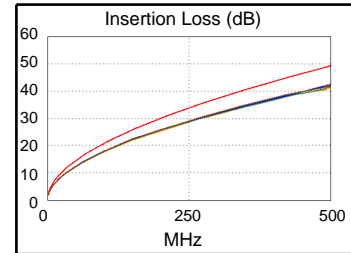
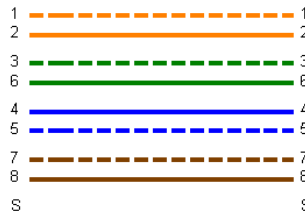
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	312
Prop. Delay (ns), Limit 555	[Pair 45]	487
Delay Skew (ns), Limit 50	[Pair 45]	22
Resistance (ohms)	[Pair 45]	14.0
Insertion Loss Margin (dB)	[Pair 45]	6.8
Frequency (MHz)	[Pair 45]	498.0
Limit (dB)	[Pair 45]	49.2

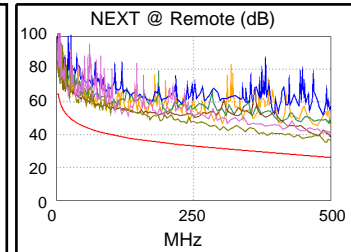
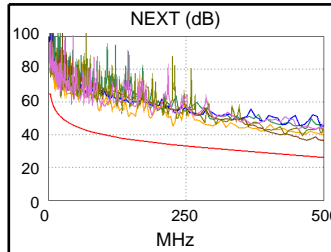


Wire Map (T568B)
PASS

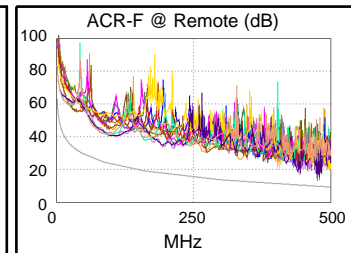
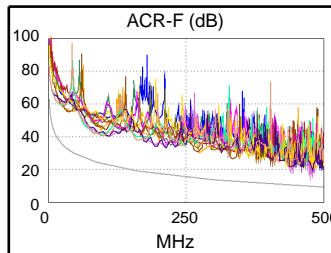


Worst Case Margin Worst Case Value

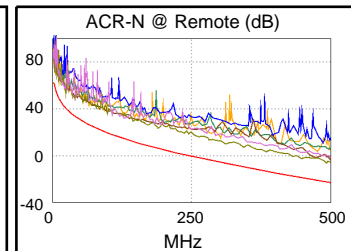
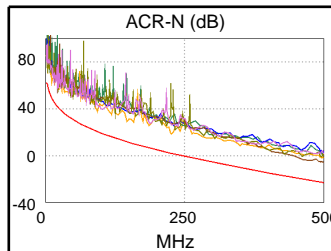
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-78	36-45	36-78
NEXT (dB)	9.7	9.1	9.8	9.1
Freq. (MHz)	464.0	445.0	500.0	492.0
Limit (dB)	27.0	27.5	26.1	26.3
Worst Pair	36	36	36	36
PS NEXT (dB)	9.9	10.8	10.7	10.8
Freq. (MHz)	461.0	492.0	500.0	492.0
Limit (dB)	24.2	23.4	23.2	23.4



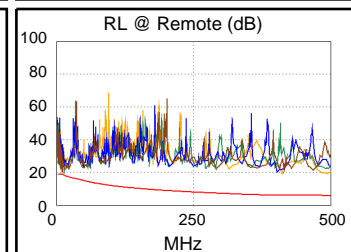
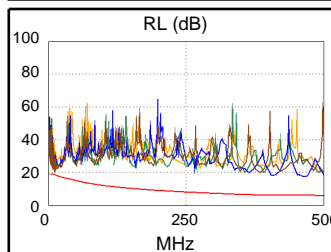
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	78-36	36-78	78-36
ACR-F (dB)	6.2	6.0	6.2	6.0
Freq. (MHz)	475.0	475.0	475.0	475.0
Limit (dB)	9.7	9.7	9.7	9.7
Worst Pair	78	36	78	36
PS ACR-F (dB)	7.5	8.7	7.5	8.7
Freq. (MHz)	475.0	475.0	475.0	475.0
Limit (dB)	6.7	6.7	6.7	6.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	36-78
ACR-N (dB)	14.0	12.5	17.1	16.2
Freq. (MHz)	3.0	23.8	500.0	492.0
Limit (dB)	61.4	40.4	-23.2	-22.6
Worst Pair	36	36	36	36
PS ACR-N (dB)	15.3	13.1	17.9	18.2
Freq. (MHz)	3.0	5.1	500.0	500.0
Limit (dB)	58.4	54.1	-26.1	-26.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	45	12
RL (dB)	3.9	3.9	9.3	13.1
Freq. (MHz)	14.1	16.4	466.0	487.0
Limit (dB)	18.3	17.9	6.0	6.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	10GBASE-T	ATM-25
ATM-51	ATM-155	100VG-AnyLan
TR-4	TR-16 Active	TR-16 Passive

LinkWare Version 8.1