



Cable ID: FPC-5004E-L

Date / Time: 09/29/2015 01:41:06 □□

Headroom 9.1 dB (NEXT 12-36)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e FTP

Calibration Date: 06/04/2013

Operator: JACK

Software Version: 2.7400

Limits Version: 1.9300

NVP: 69.0%

Test Summary: PASS

Model: DTX-1800

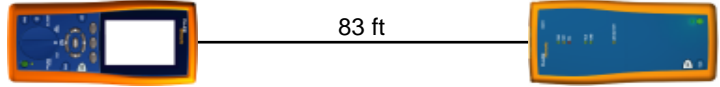
Main S/N: 2433075

Remote S/N: 2433076

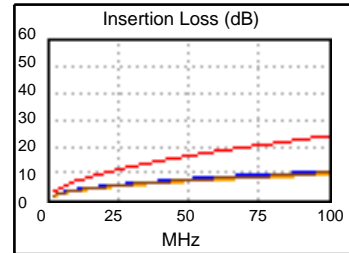
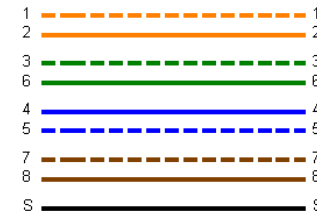
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	83
Prop. Delay (ns), Limit 555	[Pair 45]	130
Delay Skew (ns), Limit 50	[Pair 45]	8
Resistance (ohms)	[Pair 12]	16.6
Insertion Loss Margin (dB)	[Pair 45]	13.2
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0

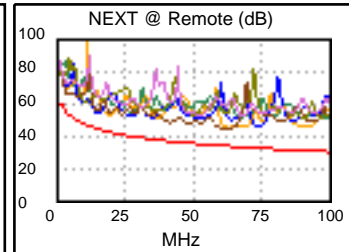
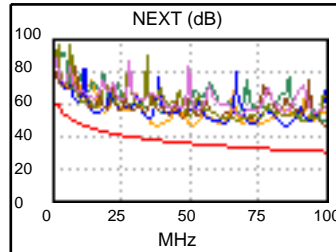


Wire Map (T568B)
PASS

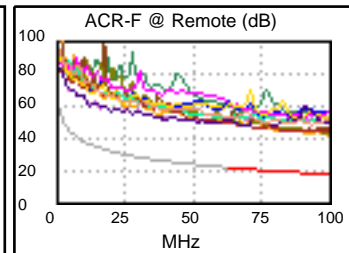
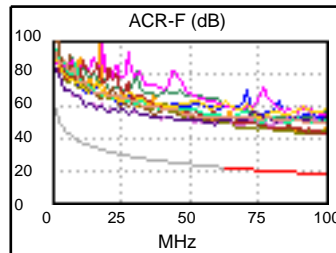


Worst Case Margin Worst Case Value

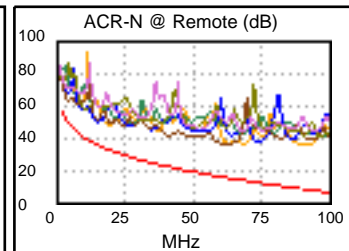
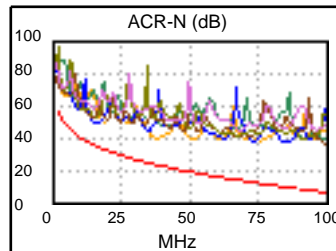
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-78	12-78	36-45
NEXT (dB)	9.1	10.0	15.1	10.4
Freq. (MHz)	37.0	14.8	85.8	61.0
Limit (dB)	37.5	44.2	31.2	33.8
Worst Pair	78	36	12	36
PS NEXT (dB)	10.8	10.8	13.5	10.8
Freq. (MHz)	15.0	62.3	62.0	62.3
Limit (dB)	41.1	30.6	30.6	30.6



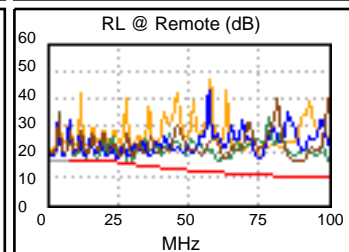
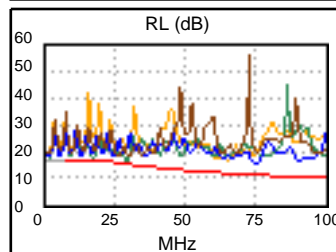
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-36	36-12	12-36
ACR-F (dB)	24.1	23.8	24.6	23.8
Freq. (MHz)	11.6	100.0	100.0	100.0
Limit (dB)	36.1	17.4	17.4	17.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	24.9	25.0	26.1	25.0
Freq. (MHz)	1.0	99.8	99.3	99.8
Limit (dB)	54.4	14.4	14.5	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-45	36-45	36-45
ACR-N (dB)	14.1	13.4	29.7	20.4
Freq. (MHz)	15.1	3.3	100.0	62.0
Limit (dB)	35.2	51.0	6.1	15.1
Worst Pair	78	36	45	36
PS ACR-N (dB)	15.3	14.9	30.9	21.1
Freq. (MHz)	14.9	3.3	100.0	63.3
Limit (dB)	32.4	48.0	3.1	11.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	45	36
RL (dB)	0.3*	0.2*	3.7	0.2
Freq. (MHz)	17.0	17.0	74.8	28.8
Limit (dB)	17.0	17.0	11.3	15.4



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.