



Cable ID: FTPCAT5E--4*2*0.50-02

Date / Time: 05/26/2016 09:36:16 AM

Headroom 4.6 dB (NEXT 12-45)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e FTP

Calibration Date: 01/14/2013

Operator: SHENYULIANG

Software Version: 2.7400

Limits Version: 1.9300

NVP: 69.0%

Test Summary: PASS

Model: DTX-1800

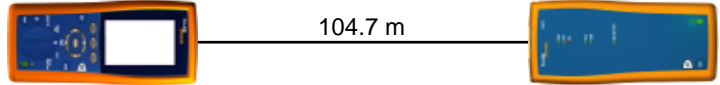
Main S/N: 2293739

Remote S/N: 2293740

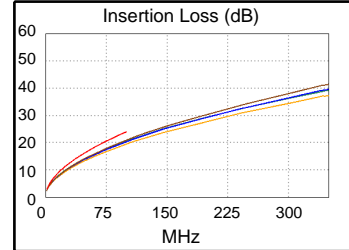
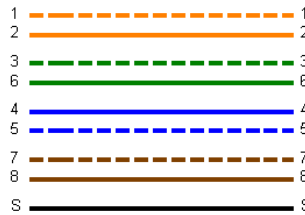
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (m), Limit 100.0	[Pair 12]	104.7
Prop. Delay (ns), Limit 555	[Pair 36]	529
Delay Skew (ns), Limit 50	[Pair 36]	23
Resistance (ohms)	[Pair 36]	20.3
Insertion Loss Margin (dB)	[Pair 78]	3.1
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	24.0

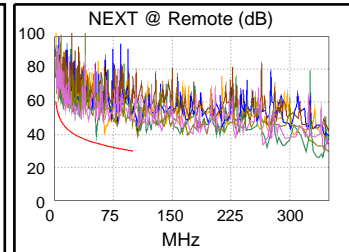
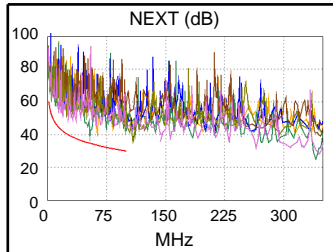


Wire Map (T568B)
PASS

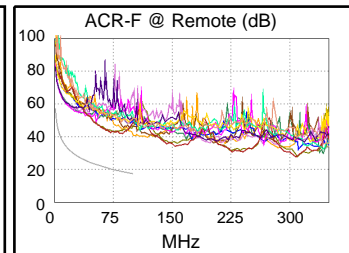
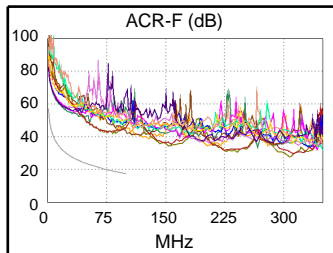


Worst Case Margin Worst Case Value

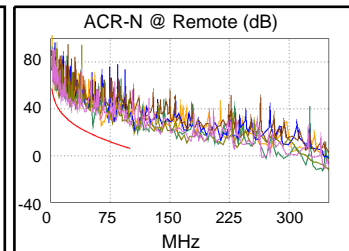
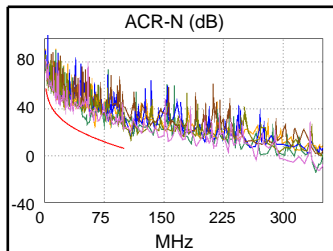
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
NEXT (dB)	4.6	4.8	4.6	4.8
Freq. (MHz)	53.8	53.3	53.8	53.3
Limit (dB)	34.7	34.8	34.7	34.8
Worst Pair	12	45	12	45
PS NEXT (dB)	7.5	7.6	7.5	7.6
Freq. (MHz)	53.8	53.3	53.8	53.3
Limit (dB)	31.7	31.8	31.7	31.8



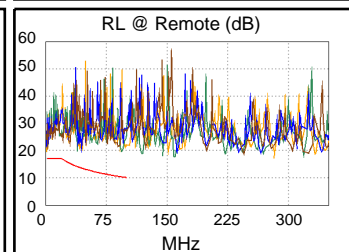
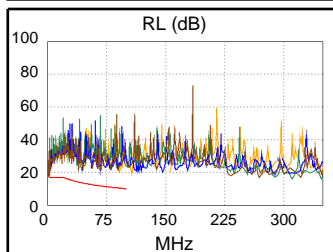
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-12	12-36
ACR-F (dB)	22.3	22.1	24.6	23.5
Freq. (MHz)	71.0	71.0	100.0	100.0
Limit (dB)	20.4	20.4	17.4	17.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	24.6	24.4	25.1	24.7
Freq. (MHz)	67.0	82.5	86.8	86.8
Limit (dB)	17.9	16.1	15.6	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	36-78	12-36
ACR-N (dB)	7.1	7.3	16.0	10.3
Freq. (MHz)	53.8	53.3	98.8	63.8
Limit (dB)	17.6	17.7	6.3	14.6
Worst Pair	45	45	45	78
PS ACR-N (dB)	10.0	10.1	16.9	19.4
Freq. (MHz)	53.8	53.3	99.8	99.3
Limit (dB)	14.6	14.7	3.1	3.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	12	36
RL (dB)	4.2	5.5	9.7	8.8
Freq. (MHz)	2.4	2.4	91.3	94.5
Limit (dB)	17.0	17.0	10.4	10.3



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