



Cable ID: FPC-5004E-SOL/100

Date / Time: 12/02/2014 09:51:30 AM

Headroom 5.7 dB (NEXT 12-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e FTP

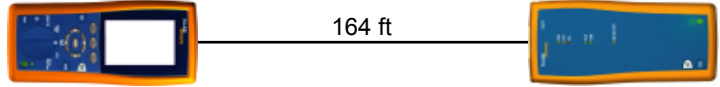
Calibration Date: 06/04/2013

Operator: Your Name
Software Version: 2.7400
Limits Version: 1.9300
NVP: 69.0%

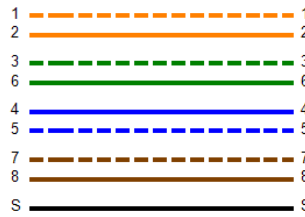
Test Summary: PASS

Model: DTX-1800
Main S/N: 2433075
Remote S/N: 2433076
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	164
Prop. Delay (ns), Limit 555	[Pair 36]	251
Delay Skew (ns), Limit 50	[Pair 36]	10
Resistance (ohms)	[Pair 36]	26.1
Insertion Loss Margin (dB)	[Pair 36]	8.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

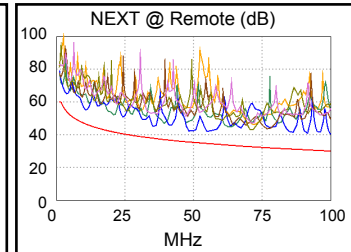
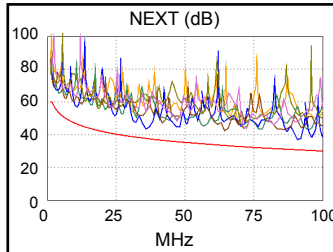


Wire Map (T568B)
PASS

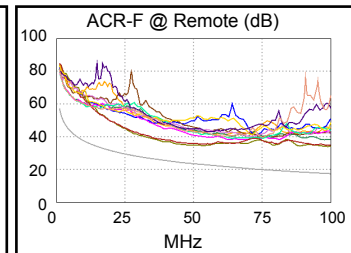
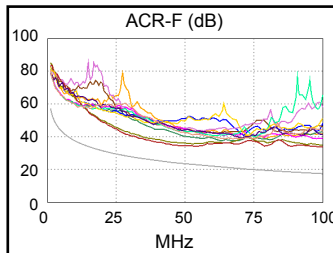


Worst Case Margin Worst Case Value

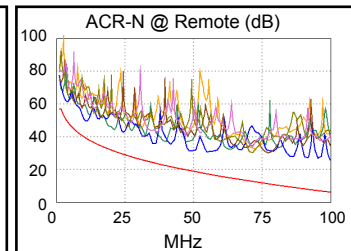
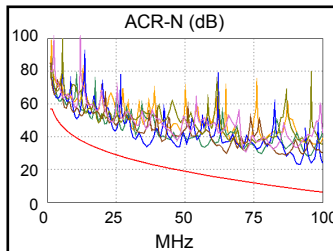
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	5.7	6.6	5.9	10.3
Freq. (MHz)	35.8	35.5	91.0	100.0
Limit (dB)	37.7	37.8	30.8	30.1
Worst Pair	78	12	78	12
PS NEXT (dB)	8.3	8.7	8.5	13.1
Freq. (MHz)	36.0	48.3	91.0	100.0
Limit (dB)	34.7	32.5	27.8	27.1



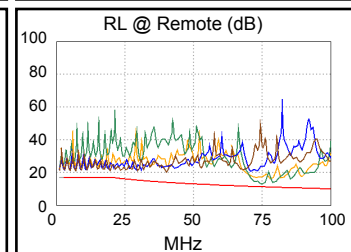
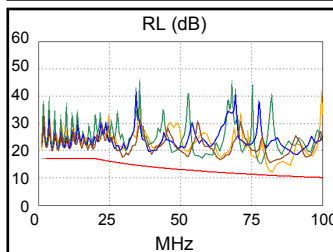
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	10.7	10.9	16.3	16.5
Freq. (MHz)	45.5	43.5	98.5	98.8
Limit (dB)	24.2	24.6	17.5	17.5
Worst Pair	36	45	36	45
PS ACR-F (dB)	13.0	12.9	16.1	16.2
Freq. (MHz)	47.0	45.5	79.0	78.8
Limit (dB)	21.0	21.2	16.4	16.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
ACR-N (dB)	10.0	10.2	14.6	19.5
Freq. (MHz)	35.8	10.5	91.0	100.0
Limit (dB)	23.9	39.4	8.0	6.1
Worst Pair	78	12	78	78
PS ACR-N (dB)	12.7	12.7	17.2	22.3
Freq. (MHz)	35.8	2.0	91.0	100.0
Limit (dB)	20.9	52.3	5.0	3.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	36	12	36
RL (dB)	1.0	1.5	1.0	1.5
Freq. (MHz)	81.8	75.0	81.8	75.0
Limit (dB)	10.9	11.3	10.9	11.3



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