



Cable ID: UPC-5004E-SOL

Date / Time: 01/28/2015 01:22:17 PM

Headroom 9.5 dB (NEXT 12-36)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5 UTP

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 78]	241
Prop. Delay (ns), Limit 555	[Pair 36]	367
Delay Skew (ns), Limit 50	[Pair 36]	11
Resistance (ohms)	[Pair 36]	21.2
Insertion Loss Margin (dB)	[Pair 36]	5.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-36	12-78	12-78
NEXT (dB)	10.0	9.5	14.6	12.2
Freq. (MHz)	15.3	49.8	91.8	74.0
Limit (dB)	43.9	35.3	30.7	32.3
Worst Pair	78	36	12	36
PS NEXT (dB)	10.8	10.7	16.2	10.7
Freq. (MHz)	15.6	49.8	91.8	49.8
Limit (dB)	40.8	32.3	27.7	32.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	78-36	12-78	78-12
ACR-F (dB)	8.3	7.8	11.4	11.1
Freq. (MHz)	19.0	19.0	89.3	89.3
Limit (dB)	31.8	31.8	18.4	18.4
Worst Pair	78	36	78	12
PS ACR-F (dB)	10.5	10.9	13.7	14.0
Freq. (MHz)	19.0	19.0	89.3	89.5
Limit (dB)	28.8	28.8	15.4	15.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-36	12-78	36-45
ACR-N (dB)	12.2	13.1	21.1	21.7
Freq. (MHz)	15.3	49.8	91.8	92.3
Limit (dB)	35.1	18.8	7.8	7.7
Worst Pair	78	36	12	36
PS ACR-N (dB)	13.1	14.3	22.4	21.2
Freq. (MHz)	15.5	49.8	91.8	81.0
Limit (dB)	31.9	15.8	4.8	7.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	12	36	12	12
RL (dB)	1.7	2.7	1.7	3.8
Freq. (MHz)	80.8	39.3	80.8	81.0
Limit (dB)	10.9	14.1	10.9	10.9

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	



241 ft



Wire Map (T568B) PASS

