



Cable ID: UTP BC CAT5E 4PR PE JACKET

Date / Time: 06/03/2017 03:14:46 PM

Headroom 6.1 dB (NEXT 36-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e UTP

Calibration Date: 07/20/2010

Operator: yin

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

Test Summary: PASS

Model: DTX-1800

Main S/N: 1240065

Remote S/N: 1240066

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 45]	332
Prop. Delay (ns), Limit 555	[Pair 12]	503
Delay Skew (ns), Limit 50	[Pair 12]	14
Resistance (ohms)	[Pair 12]	20.8

Insertion Loss Margin (dB)	[Pair 12]	4.4
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
NEXT (dB)	6.5	6.1	7.1	8.4
Freq. (MHz)	35.5	28.5	71.3	59.5
Limit (dB)	37.8	39.4	32.6	34.0
Worst Pair	36	36	36	78
PS NEXT (dB)	9.1	8.9	11.5	11.0
Freq. (MHz)	35.5	28.5	91.8	59.5
Limit (dB)	34.8	36.4	27.7	31.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	9.4	9.5	9.4	9.5
Freq. (MHz)	78.5	78.5	78.5	78.5
Limit (dB)	19.5	19.5	19.5	19.5
Worst Pair	36	78	78	78
PS ACR-F (dB)	11.9	11.1	12.4	13.2
Freq. (MHz)	78.0	27.6	96.8	98.5
Limit (dB)	16.6	25.6	14.7	14.5

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
ACR-N (dB)	9.2	8.6	14.4	12.3
Freq. (MHz)	35.8	28.5	91.8	59.8
Limit (dB)	23.9	27.1	7.8	15.8
Worst Pair	36	78	78	78
PS ACR-N (dB)	11.1	11.4	16.7	20.3
Freq. (MHz)	5.3	28.5	91.8	87.8
Limit (dB)	43.5	24.1	4.8	5.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	45	36	45	45
RL (dB)	3.6	2.9	5.2	5.0
Freq. (MHz)	30.1	6.4	47.8	82.8
Limit (dB)	15.2	17.0	13.2	10.8

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	



332 ft



Wire Map (T568B)

