



Cable ID: 2016050006/HILLY/0.565BC

Date / Time: 06/10/2016 11:06:03 AM

Headroom 2.2 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 U/UTP

Operator: Your Name

Software Version: 2.7700

Limits Version: 1.9400

NVP: 71.0%

Test Summary: PASS

Model: DTX-1800

Main S/N: 2295423

Remote S/N: 2295424

Main Adapter: DTX-PLA002

Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	90.5
Prop. Delay (ns), Limit 498	[Pair 12]	439
Delay Skew (ns), Limit 44	[Pair 12]	14
Resistance (ohms)	[Pair 12]	13.0
Insertion Loss Margin (dB)	[Pair 12]	1.1
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	31.1

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	12-36
NEXT (dB)	2.2	3.5	2.2	4.1
Freq. (MHz)	247.5	58.3	247.5	245.5
Limit (dB)	35.4	45.6	35.4	35.5
Worst Pair	78	12	78	12
PS NEXT (dB)	4.1	4.5	4.1	5.7
Freq. (MHz)	247.5	164.5	247.5	245.5
Limit (dB)	32.8	35.7	32.8	32.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-12	78-12	36-12	36-78
ACR-F (dB)	1.2	1.3	1.2	3.4
Freq. (MHz)	195.5	163.0	195.5	249.0
Limit (dB)	18.4	19.9	18.4	16.3
Worst Pair	12	36	12	36
PS ACR-F (dB)	2.7	2.3	2.7	3.0
Freq. (MHz)	198.0	198.0	198.0	227.0
Limit (dB)	15.3	15.3	15.3	14.1

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	12-36
ACR-N (dB)	4.1	4.3	4.1	6.4
Freq. (MHz)	248.0	58.3	248.0	245.5
Limit (dB)	4.4	31.8	4.4	4.7
Worst Pair	12	12	78	12
PS ACR-N (dB)	5.7	5.0	6.0	6.7
Freq. (MHz)	46.3	164.5	248.0	245.5
Limit (dB)	32.5	11.2	1.8	2.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	45	12	12	12
RL (dB)	5.8	5.9	6.6	6.0
Freq. (MHz)	4.8	164.0	156.0	199.0
Limit (dB)	21.0	11.9	12.1	11.0

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	



90.5 m



Wire Map (T568B)
PASS

