



Cable ID: CAT6

Date / Time: 03/22/2025 09:26:08

Headroom 4.1 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6

Calibration Date: 10/09/2023

Operator: CAI YUEBIAO

Software Version: 2.6300

Limits Version: 1.8100

NVP: 70.0%

Test Summary: PASS

Model: DTX-1800

Main S/N: 2196635

Remote S/N: 2196636

Main Adapter: DTX-PLA002

Remote Adapter: DTX-PLA002

Length (ft), Limit 328	[Pair 78]	315
Prop. Delay (ns), Limit 555	[Pair 45]	492
Delay Skew (ns), Limit 50	[Pair 45]	34
Resistance (ohms)	[Pair 45]	15.8

Insertion Loss Margin (dB)	[Pair 45]	6.3
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
NEXT (dB)	2.1	2.4	2.1	2.4
Freq. (MHz)	219.0	227.5	219.0	227.5
Limit (dB)	34.1	33.8	34.1	33.8
Worst Pair	36	36	36	36
PS NEXT (dB)	4.7	4.5	4.7	4.5
Freq. (MHz)	219.0	228.0	219.0	228.5
Limit (dB)	31.2	30.9	31.2	30.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	11.9	11.4	11.9	11.4
Freq. (MHz)	244.0	244.0	244.0	244.0
Limit (dB)	15.5	15.5	15.5	15.5
Worst Pair	36	36	36	36
PS ACR-F (dB)	12.1	13.0	12.1	13.0
Freq. (MHz)	233.5	231.5	233.5	233.5
Limit (dB)	12.9	13.0	12.9	12.9

N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
ACR-N (dB)	8.1	8.6	8.1	8.7
Freq. (MHz)	219.0	17.0	219.0	227.5
Limit (dB)	0.9	44.5	0.9	-0.2
Worst Pair	12	12	36	36
PS ACR-N (dB)	9.0	10.1	10.8	10.7
Freq. (MHz)	16.0	17.1	219.0	228.5
Limit (dB)	42.6	41.8	-2.1	-3.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	78	78
RL (dB)	6.9	6.6	8.5	8.3
Freq. (MHz)	5.4	27.6	168.0	241.5
Limit (dB)	19.0	16.8	9.7	8.2

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	



315 ft



Wire Map (T568B)
PASS

