



Cable ID: CAT6A-U/FTP

Test Limit: TIA Cat 6A Perm. Link

Limits Version: 1.9500

Date / Time: 07/03/2025 11:14:36 AM

Operator: Your Name

Headroom 5.3 dB (NEXT 1,2-4,5)

Cable Type: Cat 6A F/UTP

NVP: 74.0%

Main: DTX CableAnalyzer

S/N: 1026029

Software Version: 2.7800

Calibration Date: 07/08/2024

Adapter: DTX-PLA002

S/N: MBP8UV6

Test Summary: PASS

Remote: DTX CableAnalyzer

S/N: 9679128

Software Version: 2.7800

Calibration Date: 07/08/2024

Adapter: DTX-PLA002

S/N: MBT59UH

Length (ft), Limit 295	[Pair 7,8]	299
Prop. Delay (ns), Limit 498	[Pair 4,5]	418
Delay Skew (ns), Limit 44	[Pair 4,5]	8
Resistance (ohms)	[Pair 7,8]	14.3
Insertion Loss Margin (dB)	[Pair 7,8]	5.4
Frequency (MHz)	[Pair 7,8]	500.0
Limit (dB)	[Pair 7,8]	43.8

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-4,5	1,2-3,6	1,2-4,5
NEXT (dB)	6.7	5.3	9.7	8.3
Freq. (MHz)	92.5	275.0	482.0	497.0
Limit (dB)	42.4	34.7	27.2	26.7
Worst Pair	3,6	4,5	4,5	4,5
PS NEXT (dB)	7.2	6.1	10.4	8.8
Freq. (MHz)	92.5	296.0	498.0	497.0
Limit (dB)	39.9	31.5	23.8	23.8

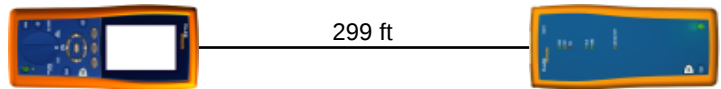
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	4,5-1,2	3,6-7,8
ACR-F (dB)	16.5	16.3	17.1	16.8
Freq. (MHz)	9.3	151.0	477.0	477.0
Limit (dB)	44.9	20.6	10.6	10.6
Worst Pair	4,5	1,2	7,8	1,2
PS ACR-F (dB)	15.6	15.5	17.8	18.4
Freq. (MHz)	1.5	1.0	483.0	483.0
Limit (dB)	57.7	61.2	7.5	7.5

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-4,5	1,2-3,6	1,2-4,5
ACR-N (dB)	8.1	8.9	16.2	14.7
Freq. (MHz)	91.3	214.5	482.0	498.0
Limit (dB)	25.4	9.3	-15.6	-16.9
Worst Pair	3,6	4,5	4,5	4,5
PS ACR-N (dB)	9.0	9.2	16.8	15.2
Freq. (MHz)	92.5	92.8	498.0	497.0
Limit (dB)	22.6	22.6	-19.8	-19.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	4,5	4,5	4,5
RL (dB)	4.7	3.7	6.7	3.7
Freq. (MHz)	12.8	463.0	364.0	463.0
Limit (dB)	20.5	8.0	8.4	8.0

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	



Wire Map (T568B)
PASS

