

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
CAT6-U/UTP-KJ	PASS	TIA Cat 6 Perm. Link	237 ft	5.6 dB (NEXT)	07/03/2025 07:29 PM

Total Length:	237 ft
Number of Reports:	1
Number of Passing Reports:	1
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



Cable ID: CAT6-U/UTP-KJ

Test Limit: TIA Cat 6 Perm. Link

Limits Version: 1.9500

Date / Time: 07/03/2025 07:29:50 PM

Operator: Your Name

Headroom 5.6 dB (NEXT 3,6-4,5)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

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 4,5]	237
Prop. Delay (ns), Limit 498	[Pair 1,2]	374
Delay Skew (ns), Limit 44	[Pair 1,2]	25
Resistance (ohms)	[Pair 7,8]	11.6
Insertion Loss Margin (dB)	[Pair 1,2]	8.1
Frequency (MHz)	[Pair 1,2]	249.5
Limit (dB)	[Pair 1,2]	31.1

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	7.0	5.6	7.5	6.8
Freq. (MHz)	6.8	203.5	247.0	243.5
Limit (dB)	60.5	36.8	35.4	35.5
Worst Pair	7,8	3,6	4,5	3,6
PS NEXT (dB)	6.4	6.9	8.2	7.7
Freq. (MHz)	6.8	18.1	247.0	241.5
Limit (dB)	58.2	51.4	32.8	33.0

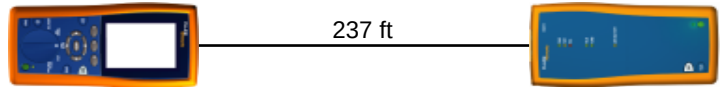
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	4,5-3,6	7,8-1,2	1,2-7,8
ACR-F (dB)	7.3	6.9	7.6	7.8
Freq. (MHz)	126.0	139.0	233.5	233.5
Limit (dB)	22.2	21.3	16.8	16.8
Worst Pair	7,8	4,5	7,8	7,8
PS ACR-F (dB)	9.4	9.9	9.4	10.2
Freq. (MHz)	230.5	126.0	230.5	234.0
Limit (dB)	13.9	19.2	13.9	13.8

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	3,6-4,5	3,6-4,5	3,6-4,5
ACR-N (dB)	7.9	8.7	17.2	16.7
Freq. (MHz)	6.8	15.4	247.0	249.0
Limit (dB)	56.0	48.0	4.5	4.3
Worst Pair	7,8	7,8	4,5	3,6
PS ACR-N (dB)	7.4	8.5	17.9	16.4
Freq. (MHz)	6.8	6.8	247.0	241.5
Limit (dB)	53.6	53.6	1.9	2.5

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	4,5	7,8	4,5
RL (dB)	8.0	8.6	8.0	9.2
Freq. (MHz)	163.5	12.5	163.5	184.0
Limit (dB)	11.9	20.5	11.9	11.4

Compliant Network Standards:

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



Wire Map (T568B) PASS

