

Cable ID
CAT6 UTP 23AWG

Summary
PASS

Test Limit
TIA Cat 6 Channel

Length
339 ft

Headroom
7.7 dB (NEXT)

Date / Time
11/10/2025 04:50 PM

Total Length:	339 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 UTP 23AWG

Test Limit: TIA Cat 6 Channel

Limits Version: 1.9400

Date / Time: 11/10/2025 04:50:23 PM

Operator: Your Name

Headroom 7.7 dB (NEXT 3,6-7,8)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: DTX CableAnalyzer

S/N: 2295423

Software Version: 2.7700

Calibration Date: 01/16/2013

Adapter: DTX-CHA002

S/N: MCL48G6

Test Summary: PASS

Remote: DTX CableAnalyzer

S/N: 2295424

Software Version: 2.7700

Calibration Date: 01/16/2013

Adapter: DTX-CHA002

S/N: MCK1GC5

Length (ft), Limit 328	[Pair 4,5]	339
Prop. Delay (ns), Limit 555	[Pair 1,2]	521
Delay Skew (ns), Limit 50	[Pair 1,2]	22
Resistance (ohms)	[Pair 7,8]	15.9
Insertion Loss Margin (dB)	[Pair 1,2]	3.8
Frequency (MHz)	[Pair 1,2]	250.0
Limit (dB)	[Pair 1,2]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	3,6-7,8	3,6-7,8
NEXT (dB)	7.7	8.4	13.4	12.6
Freq. (MHz)	12.0	12.9	228.0	223.0
Limit (dB)	55.3	54.8	33.8	34.0
Worst Pair	3,6	3,6	7,8	7,8
PS NEXT (dB)	8.9	9.2	15.7	14.8
Freq. (MHz)	5.5	3.0	239.5	242.0
Limit (dB)	58.3	62.0	30.5	30.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	6.4	6.0	6.4	6.0
Freq. (MHz)	246.5	246.5	246.5	246.5
Limit (dB)	15.4	15.4	15.4	15.4
Worst Pair	4,5	3,6	4,5	3,6
PS ACR-F (dB)	9.1	9.1	9.1	9.1
Freq. (MHz)	246.5	246.5	246.5	246.5
Limit (dB)	12.4	12.4	12.4	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	3,6-7,8	3,6-7,8
ACR-N (dB)	8.3	8.9	19.1	17.9
Freq. (MHz)	12.0	12.9	246.5	239.5
Limit (dB)	48.3	47.6	-2.4	-1.6
Worst Pair	3,6	3,6	7,8	7,8
PS ACR-N (dB)	9.3	9.6	20.0	19.3
Freq. (MHz)	5.5	3.0	239.5	244.0
Limit (dB)	53.6	58.5	-4.6	-5.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	4,5
RL (dB)	8.9	10.5	10.7	14.7
Freq. (MHz)	45.0	48.3	226.5	233.5
Limit (dB)	15.5	15.2	8.4	8.3

Compliant Network Standards:

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

100BASE-T4
5GBASE-T
ATM-155
TR-16 Active

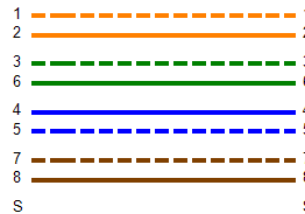


339 ft

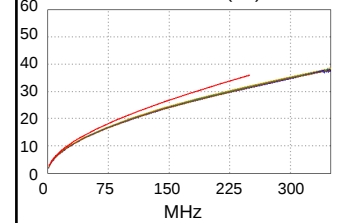


Wire Map (T568B)

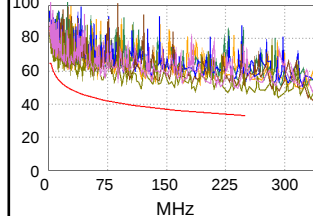
PASS



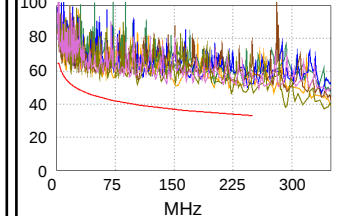
Insertion Loss (dB)



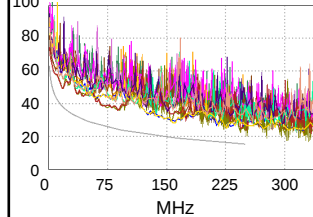
NEXT (dB)



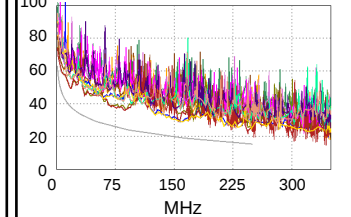
NEXT @ Remote (dB)



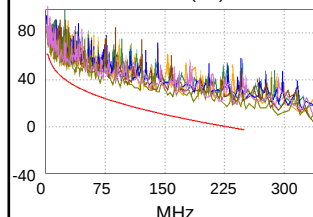
ACR-F (dB)



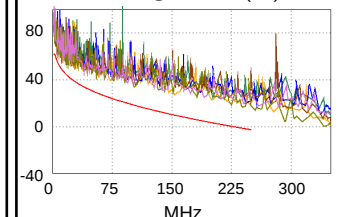
ACR-F @ Remote (dB)



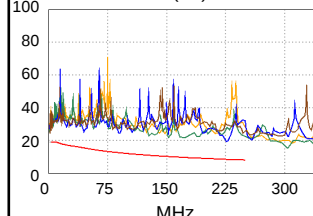
ACR-N (dB)



ACR-N @ Remote (dB)



RL (dB)



RL @ Remote (dB)

