

Cable ID CAT6-U/UTP-180-KJ	Summary PASS	Test Limit TIA Cat 6 Channel	Length 238 ft	Headroom 6.7 dB (NEXT)	Date / Time 07/04/2025 03:09 PM
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Total Length:	238 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-180-KJ

Test Limit: TIA Cat 6 Channel

Limits Version: 1.9500

Date / Time: 07/04/2025 03:09:50 PM

Operator: Your Name

Headroom 6.7 dB (NEXT 3,6-7,8)

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-CHA002

S/N: MBYJGLU

Test Summary: PASS

Remote: DTX CableAnalyzer

S/N: 9679128

Software Version: 2.7800

Calibration Date: 07/08/2024

Adapter: DTX-CHA002

S/N: MC3HMA2

Length (ft), Limit 328	[Pair 4,5]	238
Prop. Delay (ns), Limit 555	[Pair 1,2]	377
Delay Skew (ns), Limit 50	[Pair 1,2]	26
Resistance (ohms)	[Pair 1,2]	11.6
Insertion Loss Margin (dB)	[Pair 1,2]	13.1
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	3,6-7,8	3,6-7,8	3,6-7,8
NEXT (dB)	6.7	10.3	12.6	15.5
Freq. (MHz)	7.1	4.1	240.5	225.0
Limit (dB)	59.0	62.8	33.4	33.9
Worst Pair	7,8	7,8	7,8	3,6
PS NEXT (dB)	6.9	10.4	15.0	16.9
Freq. (MHz)	7.1	4.1	240.5	226.5
Limit (dB)	56.4	60.3	30.4	30.9

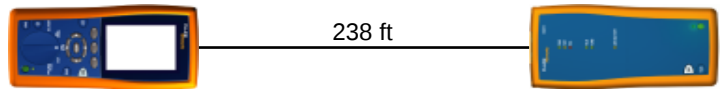
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-3,6	3,6-7,8	7,8-3,6	3,6-7,8
ACR-F (dB)	6.1	5.5	6.1	5.5
Freq. (MHz)	240.5	241.0	240.5	241.0
Limit (dB)	15.6	15.6	15.6	15.6
Worst Pair	7,8	7,8	7,8	7,8
PS ACR-F (dB)	8.5	7.9	8.5	7.9
Freq. (MHz)	243.0	241.0	243.0	241.0
Limit (dB)	12.5	12.6	12.5	12.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	3,6-7,8
ACR-N (dB)	8.5	11.7	25.7	28.2
Freq. (MHz)	7.1	4.1	240.5	225.0
Limit (dB)	53.6	58.7	-1.7	0.1
Worst Pair	7,8	7,8	7,8	3,6
PS ACR-N (dB)	8.6	11.8	28.1	30.2
Freq. (MHz)	7.1	4.1	240.5	226.5
Limit (dB)	51.1	56.2	-4.7	-3.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	4,5
RL (dB)	8.5	10.5	8.5	11.8
Freq. (MHz)	247.5	35.8	247.5	217.0
Limit (dB)	8.1	16.2	8.1	8.6

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

