

Cable ID RD CAT5E UTP 0.51CCA	Summary PASS	Test Limit TIA Cat 5e Channel	Length 226 ft	Headroom 10.5 dB (NEXT)	Date / Time 07/22/2026 10:58 AM
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Total Length:	226 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: RD CAT5E UTP 0.51CCA

Test Limit: TIA Cat 5e Channel

Limits Version: 1.9500

Date / Time: 07/22/2026 10:58:43 AM

Operator: Your Name

Headroom 10.5 dB (NEXT 1,2-3,6)

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Main: DTX CableAnalyzer

S/N: 2295423

Software Version: 2.7800

Calibration Date: 01/16/2013

Adapter: DTX-CHA002

S/N: MCK1GC5

Test Summary: PASS

Remote: DTX CableAnalyzer

S/N: 2295424

Software Version: 2.7800

Calibration Date: 01/16/2013

Adapter: DTX-CHA002

S/N: MCL48G6

Length (ft), Limit 328	[Pair 7,8]	226
Prop. Delay (ns), Limit 555	[Pair 4,5]	340
Delay Skew (ns), Limit 50	[Pair 4,5]	7
Resistance (ohms)	[Pair 4,5]	34.8
Insertion Loss Margin (dB)	[Pair 4,5]	2.2
Frequency (MHz)	[Pair 4,5]	100.0
Limit (dB)	[Pair 4,5]	24.0

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-3,6	1,2-4,5	1,2-3,6
NEXT (dB)	11.1	10.5	13.8	15.8
Freq. (MHz)	2.8	32.5	85.0	97.3
Limit (dB)	56.2	38.4	31.3	30.3
Worst Pair	1,2	3,6	1,2	3,6
PS NEXT (dB)	10.7	11.2	14.3	17.4
Freq. (MHz)	1.6	2.8	76.5	97.5
Limit (dB)	56.9	53.2	29.1	27.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-1,2	1,2-7,8	7,8-1,2	1,2-7,8
ACR-F (dB)	7.0	7.2	7.0	7.2
Freq. (MHz)	94.8	94.8	94.8	94.8
Limit (dB)	17.9	17.9	17.9	17.9
Worst Pair	1,2	7,8	1,2	7,8
PS ACR-F (dB)	9.1	9.7	9.1	9.7
Freq. (MHz)	94.8	94.8	94.8	94.8
Limit (dB)	14.9	14.9	14.9	14.9

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-4,5	1,2-3,6
ACR-N (dB)	11.1	10.5	15.7	19.0
Freq. (MHz)	2.8	2.8	85.0	97.3
Limit (dB)	52.5	52.5	9.3	6.6
Worst Pair	1,2	3,6	1,2	3,6
PS ACR-N (dB)	11.1	11.5	20.4	20.6
Freq. (MHz)	1.6	2.8	100.0	97.5
Limit (dB)	53.9	49.5	3.1	3.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	1,2
RL (dB)	6.0	6.4	9.4	6.7
Freq. (MHz)	2.1	49.3	96.0	92.3
Limit (dB)	17.0	13.1	10.2	10.4

Compliant Network Standards:

10BASE-T 100BASE-TX

1000BASE-T 2.5GBASE-T

ATM-51 ATM-155

TR-4 TR-16 Active

100BASE-T4

ATM-25

100VG-AnyLan

TR-16 Passive

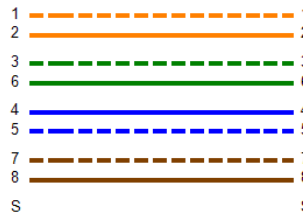


226 ft



Wire Map (T568B)

PASS



Insertion Loss (dB)

