

Cable ID
LCU5-15CC-0305-S

Summary
PASS

Test Limit
TIA Cat 5e Perm. Link

Length
225 ft

Headroom
3.4 dB (NEXT)

Date / Time
10/23/2024 11:51 AM

Total Length:	225 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: LCU5-15CC-0305-S

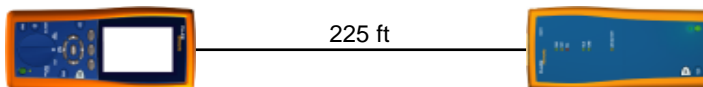
Test Limit: TIA Cat 5e Perm. Link
Limits Version: 1.9300
Date / Time: 10/23/2024 11:51:11 AM
Operator: Hongfeng Cable
Headroom 3.4 dB (NEXT 1,2-7,8)
Cable Type: Cat 5e UTP
NVP: 69.0%

Main: DTX CableAnalyzer
S/N: 1750577
Software Version: 2.7400
Calibration Date: 07/22/2022
Adapter: DTX-PLA002
S/N: MC3CCRX

Test Summary: PASS

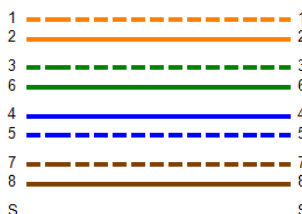
Remote: DTX CableAnalyzer
S/N: 1750576
Software Version: 2.7400
Calibration Date: 07/22/2022
Adapter: DTX-PLA002
S/N: MC3CCNX

Length (ft), Limit 295	[Pair 7,8]	225
Prop. Delay (ns), Limit 498	[Pair 4,5]	341
Delay Skew (ns), Limit 44	[Pair 4,5]	10
Resistance (ohms)	[Pair 7,8]	21.5
Insertion Loss Margin (dB)	[Pair 7,8]	1.2
Frequency (MHz)	[Pair 7,8]	100.0
Limit (dB)	[Pair 7,8]	21.0

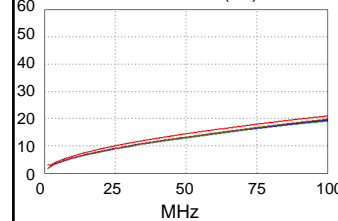


Wire Map (T568B)

PASS

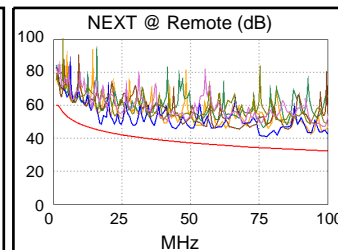
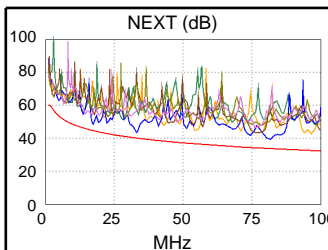


Insertion Loss (dB)

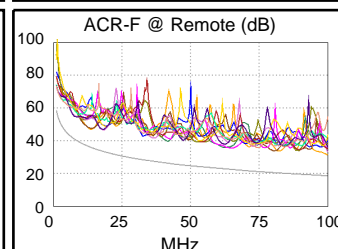
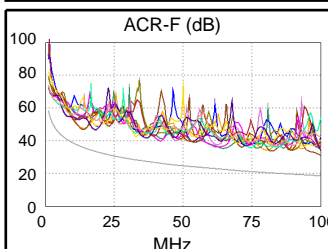


Worst Case Margin Worst Case Value

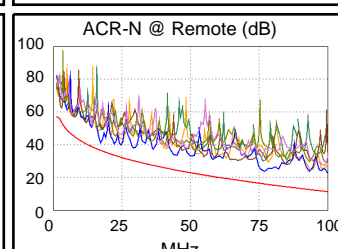
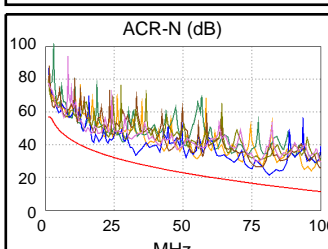
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	1,2-7,8	1,2-7,8
NEXT (dB)	3.4	3.6	5.4	6.5
Freq. (MHz)	33.0	17.1	81.3	77.3
Limit (dB)	40.2	44.8	33.8	34.1
Worst Pair	7,8	1,2	7,8	1,2
PS NEXT (dB)	5.7	5.5	8.0	8.3
Freq. (MHz)	17.1	17.1	81.3	77.3
Limit (dB)	41.8	41.8	30.8	31.1



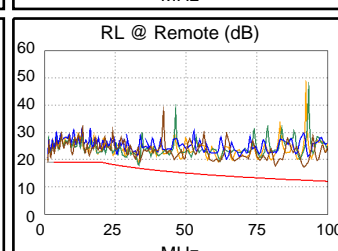
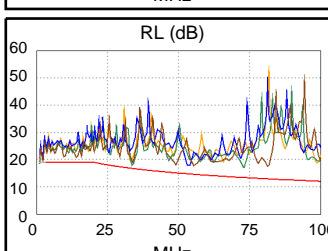
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-1,2	1,2-3,6	3,6-1,2	1,2-3,6
ACR-F (dB)	10.8	10.9	12.5	12.7
Freq. (MHz)	13.1	13.1	100.0	100.0
Limit (dB)	36.3	36.3	18.6	18.6
Worst Pair	3,6	3,6	1,2	3,6
PS ACR-F (dB)	12.4	12.4	13.9	12.9
Freq. (MHz)	11.5	12.6	100.0	100.0
Limit (dB)	34.4	33.6	15.6	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	1,2-7,8	1,2-7,8
ACR-N (dB)	4.5	4.6	6.4	11.4
Freq. (MHz)	33.0	17.1	81.3	100.0
Limit (dB)	28.6	36.6	15.1	11.3
Worst Pair	7,8	1,2	7,8	1,2
PS ACR-N (dB)	6.7	6.5	9.0	11.4
Freq. (MHz)	17.1	17.1	81.3	93.8
Limit (dB)	33.6	33.6	12.1	9.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	3,6	7,8
RL (dB)	1.1	1.1	3.7	4.8
Freq. (MHz)	33.5	33.3	72.8	91.5
Limit (dB)	16.8	16.8	13.4	12.4



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