

Cable ID
LCU6-15CC-0305-S

Summary
PASS

Test Limit
TIA Cat 6 Perm. Link

Length
204 ft

Headroom
2.5 dB (NEXT)

Date / Time
10/23/2024 11:42 AM

Total Length:	204 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: LCU6-15CC-0305-S

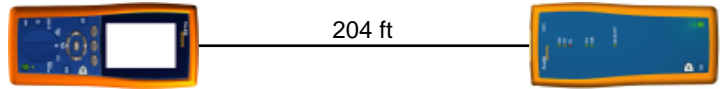
Test Limit: TIA Cat 6 Perm. Link
Limits Version: 1.9300
Date / Time: 10/23/2024 11:42:24 AM
Operator: Hongfeng Cable
Headroom 2.5 dB (NEXT 3,6-4,5)
Cable Type: Cat 6 UTP
NVP: 69.0%

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

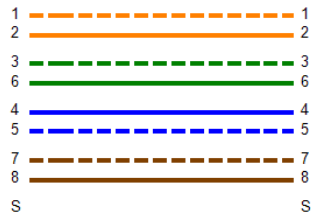
Test Summary: PASS

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]	204
Prop. Delay (ns), Limit 498	[Pair 4,5]	317
Delay Skew (ns), Limit 44	[Pair 4,5]	16
Resistance (ohms)	[Pair 4,5]	15.3
Insertion Loss Margin (dB)	[Pair 4,5]	1.3
Frequency (MHz)	[Pair 4,5]	249.0
Limit (dB)	[Pair 4,5]	31.0

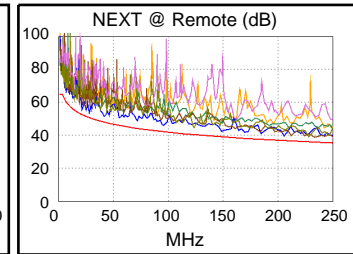
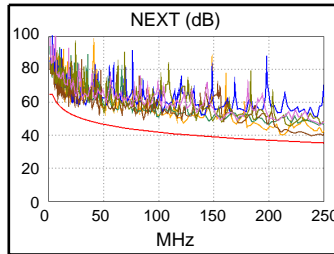


Wire Map (T568B)
PASS

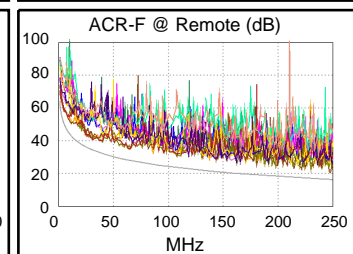
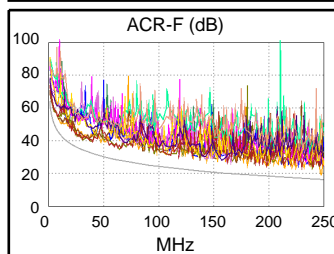


Worst Case Margin Worst Case Value

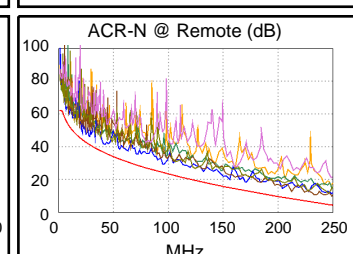
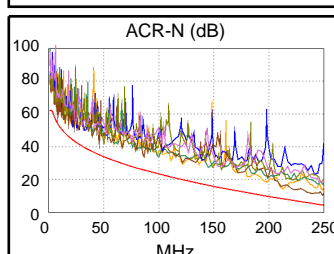
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	1,2-3,6	3,6-4,5
NEXT (dB)	2.9	2.5	2.9	2.5
Freq. (MHz)	211.5	235.0	211.5	235.0
Limit (dB)	36.5	35.8	36.5	35.8
Worst Pair	3,6	7,8	3,6	7,8
PS NEXT (dB)	3.5	3.1	3.5	3.1
Freq. (MHz)	211.5	228.0	211.5	228.0
Limit (dB)	33.9	33.4	33.9	33.4



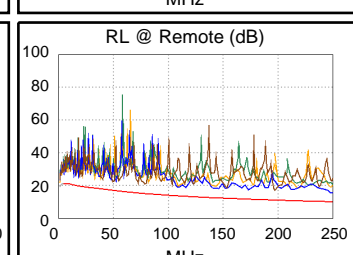
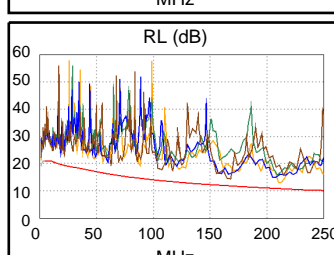
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-1,2	1,2-3,6	3,6-1,2
ACR-F (dB)	3.0	4.3	3.0	4.3
Freq. (MHz)	247.5	247.5	247.5	247.5
Limit (dB)	16.3	16.3	16.3	16.3
Worst Pair	3,6	1,2	3,6	1,2
PS ACR-F (dB)	5.5	5.1	5.5	5.1
Freq. (MHz)	198.5	247.5	247.0	247.5
Limit (dB)	15.2	13.3	13.3	13.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-7,8	3,6-4,5	3,6-4,5
ACR-N (dB)	4.6	3.9	6.0	5.6
Freq. (MHz)	8.3	21.5	248.5	249.0
Limit (dB)	54.1	44.4	4.4	4.3
Worst Pair	3,6	7,8	3,6	3,6
PS ACR-N (dB)	6.4	5.2	7.2	6.3
Freq. (MHz)	211.0	228.0	248.0	247.5
Limit (dB)	5.7	3.9	1.8	1.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	4,5	1,2	4,5
RL (dB)	2.0	4.8	2.0	5.3
Freq. (MHz)	211.0	109.5	211.0	248.0
Limit (dB)	10.8	13.6	10.8	10.1



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