



Cable ID: LCU6-11CU-0100-S

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.4

Date / Time: 10/17/2024 01:13:28 PM

Headroom 3.1 dB (NEXT 1,2-7,8)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 1944019

Software Version: V6.4 Build 4

Calibration Date: 04/02/2024

Adapter: DSX-8000 (DSX-PLA804)

S/N: 22420161

Test Summary: PASS

Remote: Versiv

S/N: 1944025

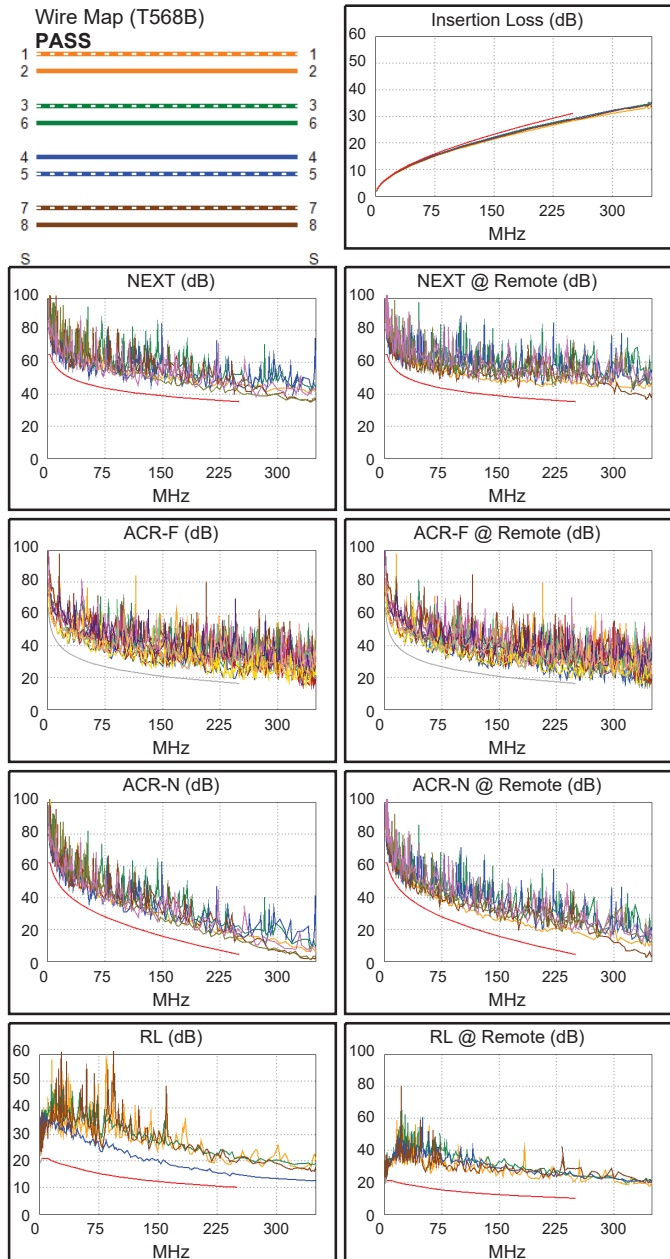
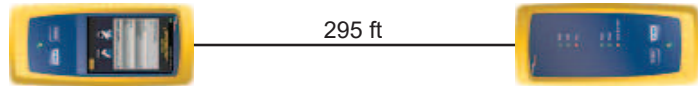
Software Version: V6.4 Build 4

Calibration Date: 04/02/2024

Adapter: DSX-8000R (DSX-PLA804)

S/N: 22420162

Length (ft), Limit 295	[Pair 1,2]	295
Prop. Delay (ns), Limit 498	[Pair 3,6]	449
Delay Skew (ns), Limit 44	[Pair 3,6]	15
Resistance (ohms)	[Pair 3,6]	16.19
Insertion Loss Margin (dB)	[Pair 3,6]	1.5
Frequency (MHz)	[Pair 3,6]	249.0
Limit (dB)	[Pair 3,6]	31.0



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	3,6-7,8	3,6-4,5
NEXT (dB)	3.1	4.3	5.1	6.7
Freq. (MHz)	54.5	6.6	233.5	175.5
Limit (dB)	46.1	60.6	35.8	37.9
Worst Pair	7,8	1,2	7,8	1,2
PS NEXT (dB)	4.4	4.7	4.4	7.8
Freq. (MHz)	231.5	6.8	231.5	198.0
Limit (dB)	33.3	58.2	33.3	34.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	1,2-7,8	1,2-7,8
ACR-F (dB)	1.8	2.1	1.8	2.1
Freq. (MHz)	243.5	238.5	243.5	238.5
Limit (dB)	16.5	16.6	16.5	16.6
Worst Pair	7,8	7,8	7,8	7,8
PS ACR-F (dB)	4.7	4.8	4.7	4.8
Freq. (MHz)	243.5	238.5	243.5	238.5
Limit (dB)	13.5	13.6	13.5	13.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	3,6-4,5	1,2-3,6
ACR-N (dB)	3.7	4.4	7.6	13.0
Freq. (MHz)	54.5	6.6	244.0	247.5
Limit (dB)	32.7	56.1	4.8	4.5
Worst Pair	1,2	1,2	3,6	3,6
PS ACR-N (dB)	4.9	5.0	7.6	11.2
Freq. (MHz)	6.9	6.9	249.0	232.0
Limit (dB)	53.5	53.5	1.7	3.5

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	7,8	4,5	1,2
RL (dB)	4.2	5.2	4.2	10.2
Freq. (MHz)	241.0	3.8	241.0	248.0
Limit (dB)	10.2	21.0	10.2	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		