



Cable ID: 449-B-6 UTP4 CAT6 0.56CU 02

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.6

Date / Time: 10/13/2024 08:39:02 AM

Operator: WANGYAYAO

Headroom 2.5 dB (NEXT 1,2-4,5)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2034142

Software Version: V6.6 Build 2

Calibration Date: 12/23/2020

Adapter: DSX-8000 (DSX-PLA804)

S/N: 20475125

Test Summary: PASS

Remote: Versiv

S/N: 2035009

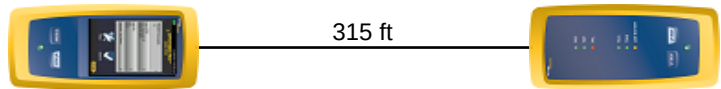
Software Version: V6.6 Build 2

Calibration Date: 12/23/2020

Adapter: DSX-8000R (DSX-PLA804)

S/N: 20485133

Length (ft), Limit 295	[Pair 4,5]	315
Prop. Delay (ns), Limit 498	[Pair 7,8]	484
Delay Skew (ns), Limit 44	[Pair 7,8]	20
Resistance (ohms)	[Pair 7,8]	14.93
Insertion Loss Margin (dB)	[Pair 7,8]	1.6
Frequency (MHz)	[Pair 7,8]	250.0
Limit (dB)	[Pair 7,8]	31.1

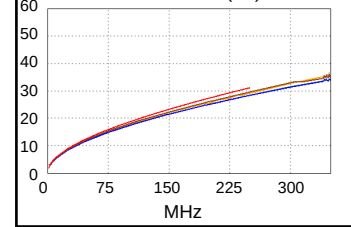


Wire Map (T568B)

PASS

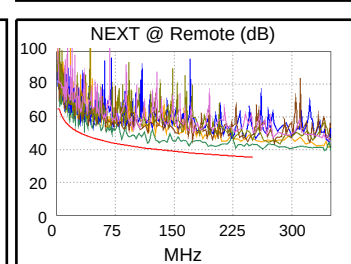
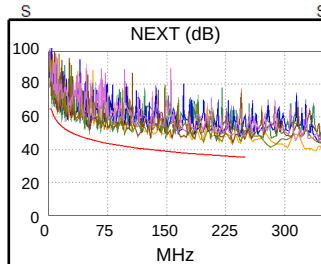


Insertion Loss (dB)

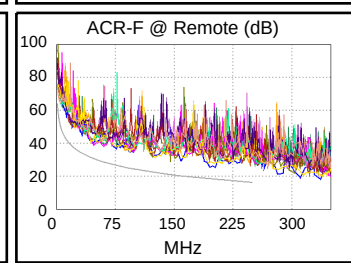
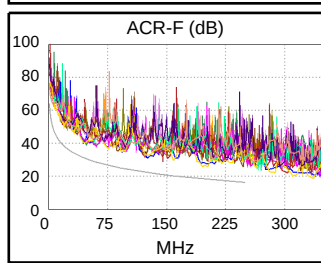


Worst Case Margin Worst Case Value

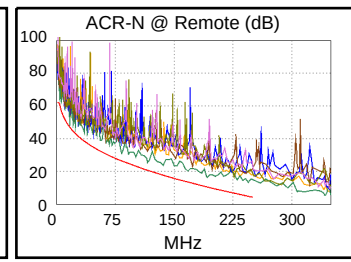
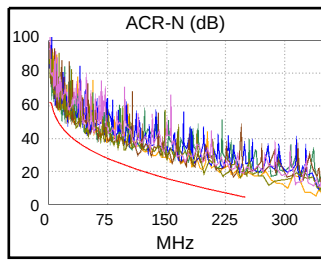
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-3,6	1,2-4,5
NEXT (dB)	4.8	2.5	7.0	4.6
Freq. (MHz)	16.8	116.5	243.0	229.0
Limit (dB)	54.3	40.8	35.5	36.0
Worst Pair	4,5	4,5	3,6	1,2
PS NEXT (dB)	6.5	4.1	7.1	6.5
Freq. (MHz)	51.8	116.5	233.5	239.5
Limit (dB)	44.0	38.2	33.2	33.0



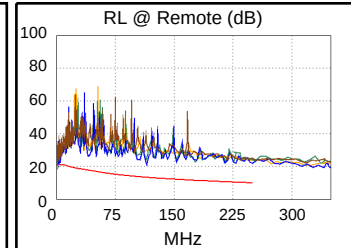
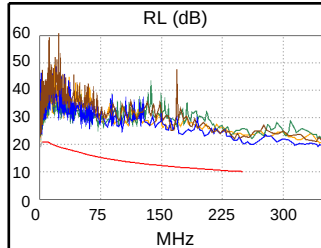
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-1,2	1,2-7,8	7,8-1,2	1,2-7,8
ACR-F (dB)	7.5	7.0	7.5	7.1
Freq. (MHz)	202.0	195.5	202.0	202.0
Limit (dB)	18.1	18.4	18.1	18.1
Worst Pair	1,2	1,2	1,2	3,6
PS ACR-F (dB)	9.1	9.1	10.7	10.6
Freq. (MHz)	195.5	48.5	247.0	247.5
Limit (dB)	15.4	27.5	13.3	13.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-3,6	1,2-4,5
ACR-N (dB)	5.2	3.4	9.7	8.5
Freq. (MHz)	16.8	4.1	243.0	244.5
Limit (dB)	47.1	60.3	4.9	4.8
Worst Pair	1,2	4,5	1,2	1,2
PS ACR-N (dB)	6.9	5.1	9.5	8.5
Freq. (MHz)	16.6	4.1	243.0	239.5
Limit (dB)	44.8	58.0	2.3	2.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	3,6	4,5	4,5
RL (dB)	6.6	3.6	10.4	10.9
Freq. (MHz)	3.4	3.5	250.0	248.5
Limit (dB)	21.0	21.0	10.0	10.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-155	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		