



Cable ID: CAT6A 28AWG U/UTP

Test Limit: TIA Cat 6A Channel

Limits Version: V7.5

Date / Time: 07/14/2023 17:08:05

Headroom 6.6 dB (NEXT 3,6-4,5)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 2103021

Software Version: V6.5 Build 5

Calibration Date: 05/13/2021

Adapter: DSX-8000 (DSX-CHA004)

S/N: 3688043

Remote: Versiv

S/N: 2052893

Software Version: V6.5 Build 5

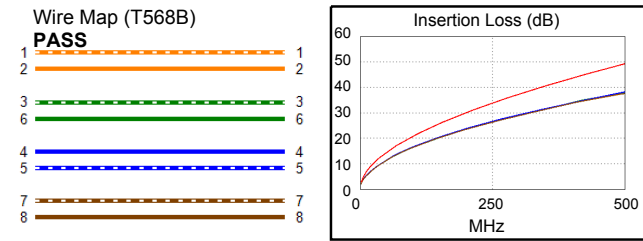
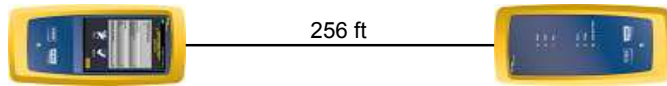
Calibration Date: 05/13/2021

Adapter: DSX-8000R (DSX-CHA004)

S/N: 4731330

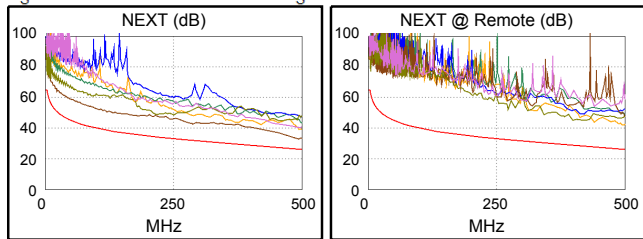
Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	256
Prop. Delay (ns), Limit 555	[Pair 3,6]	389
Delay Skew (ns), Limit 50	[Pair 3,6]	8
Resistance (ohms)	[Pair 3,6]	13.82
Insertion Loss Margin (dB)	[Pair 4,5]	11.0
Frequency (MHz)	[Pair 4,5]	500.0
Limit (dB)	[Pair 4,5]	49.3

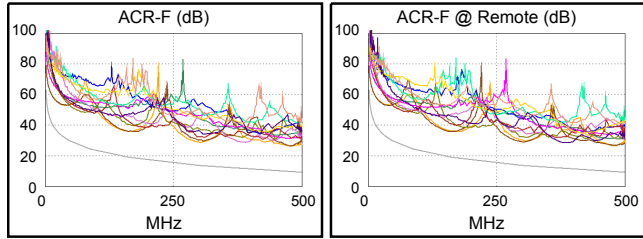


Worst Case Margin Worst Case Value

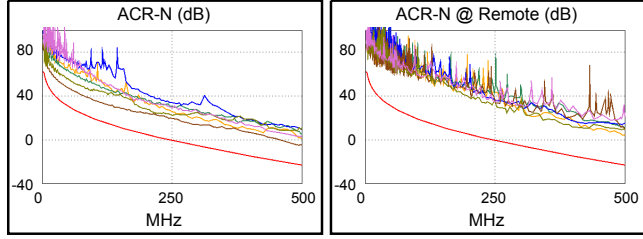
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-3,6	3,6-4,5	1,2-3,6
NEXT (dB)	6.6	15.8	6.7	15.8
Freq. (MHz)	493.0	496.0	494.0	496.0
Limit (dB)	26.3	26.2	26.2	26.2
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	8.5	17.0	8.5	17.0
Freq. (MHz)	494.0	497.0	494.0	497.0
Limit (dB)	23.4	23.3	23.4	23.3



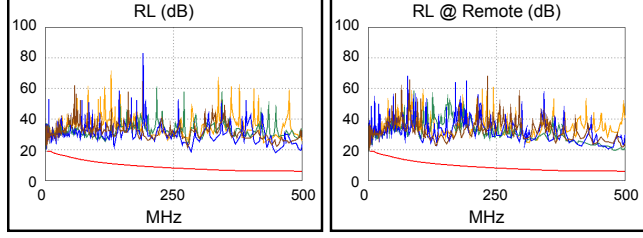
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-1,2	3,6-1,2	1,2-3,6
ACR-F (dB)	15.0	15.2	16.5	16.4
Freq. (MHz)	302.0	305.0	480.0	480.0
Limit (dB)	13.7	13.6	9.6	9.6
Worst Pair	3,6	3,6	1,2	3,6
PS ACR-F (dB)	15.7	17.6	18.3	18.6
Freq. (MHz)	305.0	383.0	480.0	471.0
Limit (dB)	10.6	8.6	6.6	6.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-7,8	3,6-4,5	1,2-3,6
ACR-N (dB)	14.9	18.9	17.6	27.0
Freq. (MHz)	6.1	3.5	494.0	496.0
Limit (dB)	55.0	60.1	-22.7	-22.9
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-N (dB)	14.4	18.0	20.1	28.4
Freq. (MHz)	3.6	2.4	500.0	499.0
Limit (dB)	57.3	58.7	-26.1	-26.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	4,5	3,6
RL (dB)	5.3	5.6	12.1	13.2
Freq. (MHz)	3.1	3.1	448.0	479.0
Limit (dB)	19.0	19.0	6.0	6.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	