



Cable ID/ Test ID: AGO-012606

Test Limit: TIA Cat 6A Channel

Limits Version: V7.11

Date / Time: 10/11/2025 10:01:36 AM

Operator: CC

Headroom 15.0 dB (NEXT 3,6-4,5)

Cable Type: Cat 6A S/FTP

NVP: 74.7%

Main: Versiv

S/N: 1927448

Software Version: V6.13 Build 2

Calibration Date: 07/30/2025

Adapter: DSX-8000 (DSX-CHA804)

S/N: 23340196

Test Summary: PASS

Remote: Versiv

S/N: 1927219

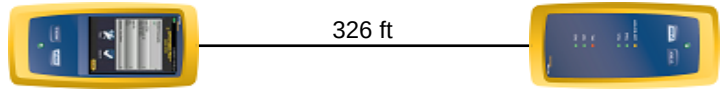
Software Version: V6.13 Build 2

Calibration Date: 07/30/2025

Adapter: DSX-8000R (DSX-CHA804)

S/N: 23340195

Length (ft), Limit 328	[Pair 7,8]	326
Prop. Delay (ns), Limit 555	[Pair 4,5]	453
Delay Skew (ns), Limit 50	[Pair 4,5]	9
Resistance (ohms)	[Pair 4,5]	14.82
Insertion Loss Margin (dB)	[Pair 4,5]	5.7
Frequency (MHz)	[Pair 4,5]	500.0
Limit (dB)	[Pair 4,5]	49.3

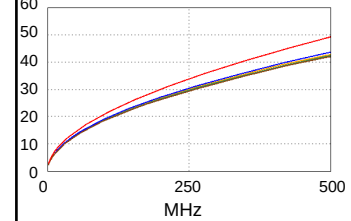


Wire Map (T568B)

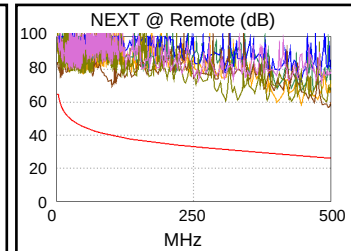
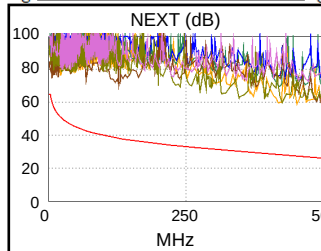
PASS



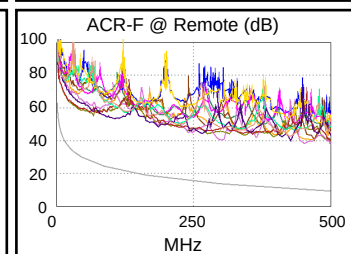
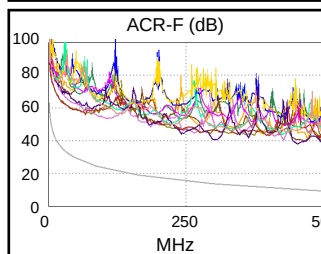
Insertion Loss (dB)



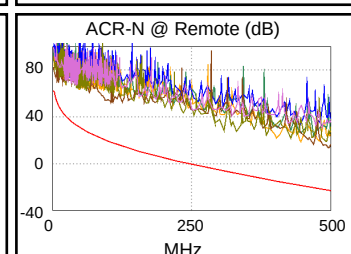
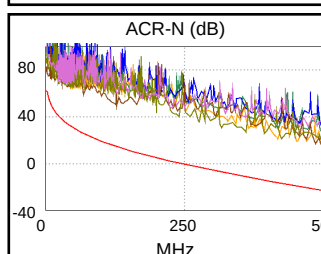
	Worst Case Margin	Worst Case Value	MAIN	SR
PASS				
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	3,6-4,5
NEXT (dB)	15.0	15.9	32.0	30.8
Freq. (MHz)	3.0	3.1	499.0	495.0
Limit (dB)	65.0	64.8	26.1	26.2
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	16.8	17.6	31.3	32.8
Freq. (MHz)	3.3	3.3	499.0	494.0
Limit (dB)	62.0	62.0	23.3	23.4



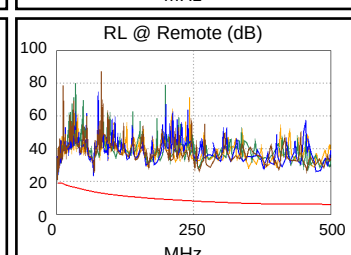
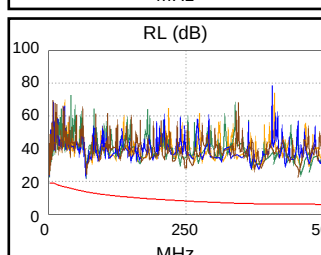
	Worst Case Margin	Worst Case Value	MAIN	SR
PASS				
Worst Pair	4,5-3,6	3,6-4,5	7,8-3,6	3,6-7,8
ACR-F (dB)	25.7	25.7	27.9	28.3
Freq. (MHz)	1.0	1.0	500.0	500.0
Limit (dB)	63.3	63.3	9.3	9.3
Worst Pair	3,6	4,5	3,6	7,8
PS ACR-F (dB)	27.3	28.2	29.2	31.0
Freq. (MHz)	1.0	1.0	500.0	500.0
Limit (dB)	60.3	60.3	6.3	6.3



	Worst Case Margin	Worst Case Value	MAIN	SR
N/A				
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
ACR-N (dB)	15.3	16.3	38.2	36.3
Freq. (MHz)	3.0	3.1	499.0	495.0
Limit (dB)	61.4	61.1	-23.1	-22.8
Worst Pair	3,6	3,6	3,6	4,5
PS ACR-N (dB)	17.3	18.1	38.2	39.2
Freq. (MHz)	3.3	3.3	499.0	495.0
Limit (dB)	58.2	58.2	-26.0	-25.7



	Worst Case Margin	Worst Case Value	MAIN	SR
PASS				
Worst Pair	3,6	7,8	3,6	3,6
RL (dB)	9.7	8.2	10.2	10.6
Freq. (MHz)	2.6	2.6	68.0	68.0
Limit (dB)	19.0	19.0	13.7	13.7



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	