



Cable ID/ Test ID: 6FO-008545

Test Limit: TIA Cat 6 Channel

Limits Version: V7.11

Date / Time: 01/13/2026 12:50:04 PM

Operator: CC

Headroom 5.3 dB (NEXT 3,6-4,5)

Cable Type: Cat 6 F/UTP

NVP: 70.0%

Main: Versiv

S/N: 1927448

Software Version: V6.13 Build 2

Calibration Date: 07/30/2025

Adapter: DSX-8000 (DSX-CHA804)

S/N: 23340195

Test Summary: PASS

Remote: Versiv

S/N: 1927219

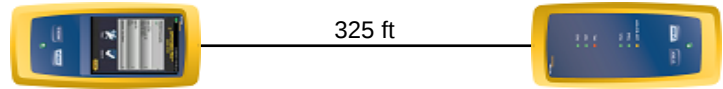
Software Version: V6.13 Build 2

Calibration Date: 07/30/2025

Adapter: DSX-8000R (DSX-CHA804)

S/N: 23340196

Length (ft), Limit 328	[Pair 7,8]	325
Prop. Delay (ns), Limit 555	[Pair 4,5]	500
Delay Skew (ns), Limit 50	[Pair 4,5]	28
Resistance (ohms)	[Pair 4,5]	14.55
Insertion Loss Margin (dB)	[Pair 4,5]	8.8
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

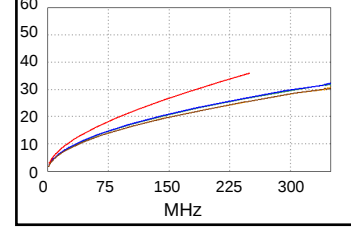


Wire Map (T568B)

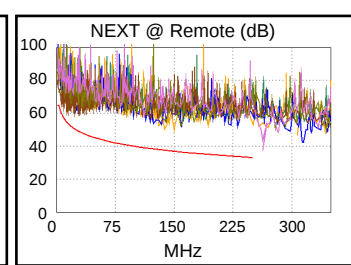
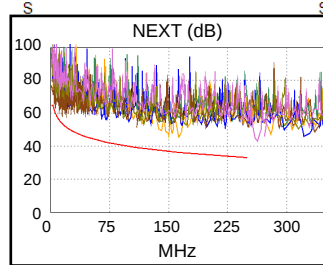
PASS



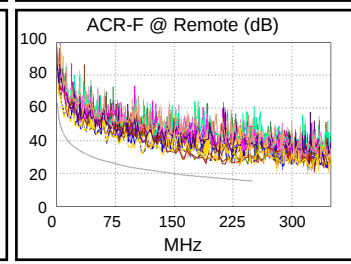
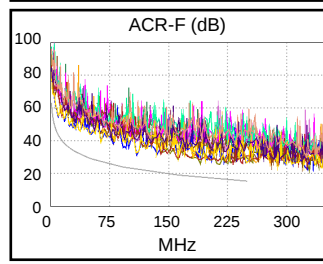
Insertion Loss (dB)



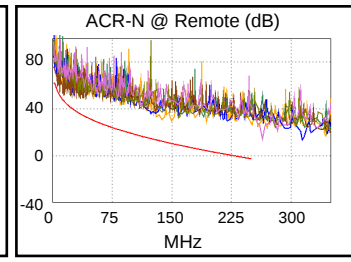
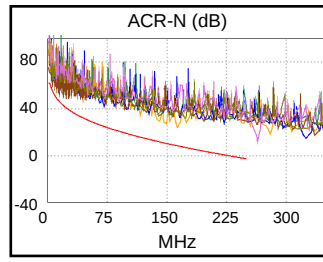
	Worst Case Margin	Worst Case Value		
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	1,2-3,6
NEXT (dB)	5.3	6.0	9.3	11.3
Freq. (MHz)	5.9	8.9	163.0	132.0
Limit (dB)	60.3	57.4	36.3	37.9
Worst Pair	3,6	3,6	1,2	1,2
PS NEXT (dB)	7.3	8.2	12.1	13.2
Freq. (MHz)	5.9	9.0	163.0	132.0
Limit (dB)	57.8	54.8	33.4	35.0



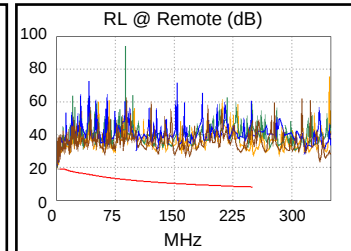
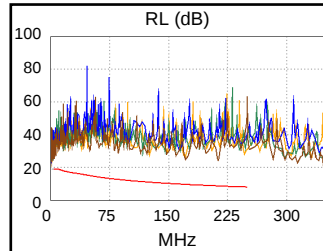
	Worst Case Margin	Worst Case Value		
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	7.6	7.9	7.6	7.9
Freq. (MHz)	214.0	214.0	214.0	214.0
Limit (dB)	16.6	16.6	16.6	16.6
Worst Pair	4,5	3,6	4,5	3,6
PS ACR-F (dB)	10.5	9.8	10.5	9.8
Freq. (MHz)	214.0	233.0	214.0	233.0
Limit (dB)	13.6	12.9	13.6	12.9



	Worst Case Margin	Worst Case Value		
N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	1,2-7,8
ACR-N (dB)	6.0	6.9	15.7	28.1
Freq. (MHz)	5.9	8.9	163.0	232.0
Limit (dB)	55.5	51.5	8.3	-0.7
Worst Pair	3,6	3,6	3,6	1,2
PS ACR-N (dB)	8.1	9.3	29.0	28.7
Freq. (MHz)	5.9	9.0	244.5	232.0
Limit (dB)	53.0	48.7	-5.2	-3.7



	Worst Case Margin	Worst Case Value		
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	8.5	7.3	15.5	7.3
Freq. (MHz)	3.6	3.6	213.0	3.6
Limit (dB)	19.0	19.0	8.7	19.0



Compliant Network Standards:

10BASE-T 100BASE-TX

1000BASE-T 2.5GBASE-T

ATM-25 ATM-51

100VG-AnyLan TR-4

TR-16 Passive

100BASE-T4

5GBASE-T

ATM-155

TR-16 Active