



### Cable ID/ Test ID: 6UO-010406

Test Limit: TIA Cat 6 Channel

Limits Version: V7.11

Date / Time: 10/11/2025 09:19:02 AM

Operator: CC

Headroom 4.6 dB (NEXT 3,6-4,5)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

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

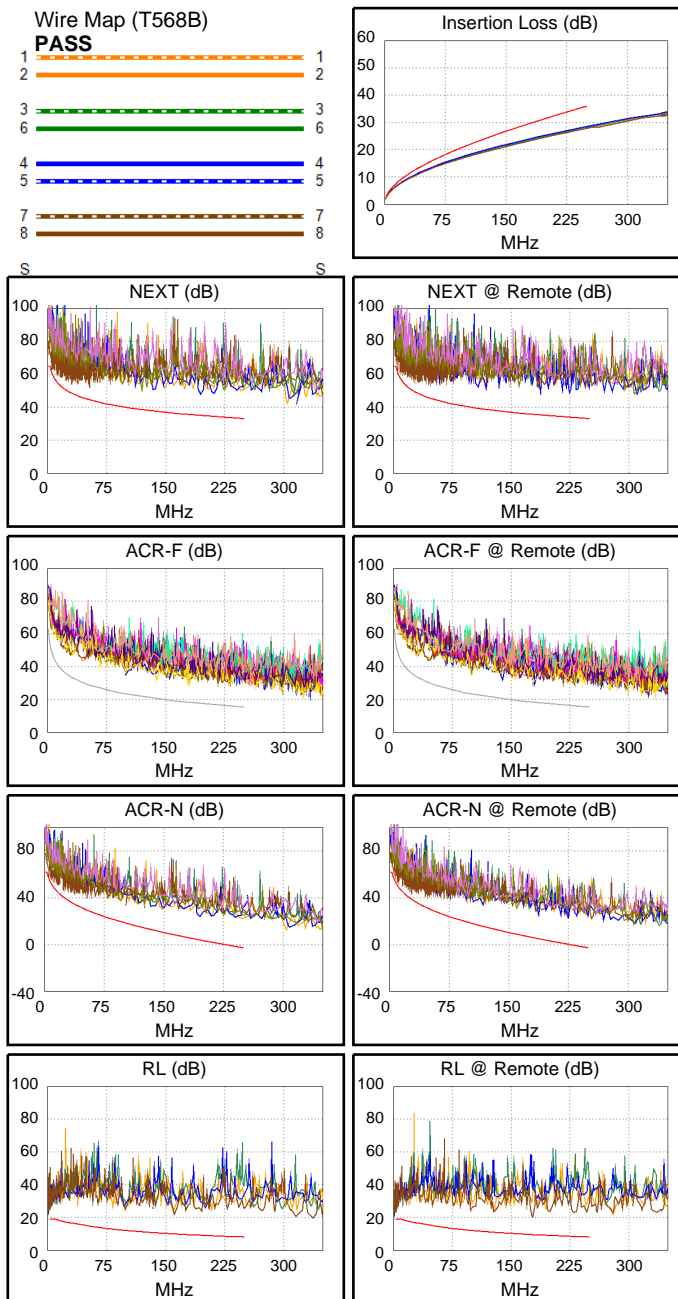
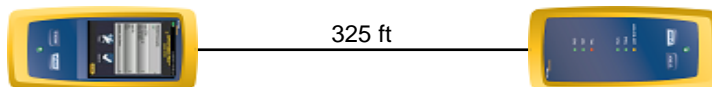
Software Version: V6.13 Build 2

Calibration Date: 07/30/2025

Adapter: DSX-8000R (DSX-CHA804)

S/N: 23340195

Length (ft), Limit 328	[Pair 7,8]	325
Prop. Delay (ns), Limit 555	[Pair 4,5]	507
Delay Skew (ns), Limit 50	[Pair 4,5]	28
Resistance (ohms)	[Pair 4,5]	15.68
Insertion Loss Margin (dB)	[Pair 4,5]	7.4
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-7,8	1,2-7,8
<b>NEXT (dB)</b>	5.4	4.6	12.7	15.0
Freq. (MHz)	5.4	3.4	195.0	224.5
Limit (dB)	61.0	64.2	35.0	33.9
Worst Pair	3,6	3,6	1,2	1,2
<b>PS NEXT (dB)</b>	7.6	6.5	15.4	17.4
Freq. (MHz)	5.4	3.4	210.5	224.5
Limit (dB)	58.4	61.7	31.5	31.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	7,8-1,2	1,2-7,8	7,8-1,2
<b>ACR-F (dB)</b>	10.9	10.7	11.9	11.7
Freq. (MHz)	101.0	101.0	235.0	235.0
Limit (dB)	23.2	23.2	15.8	15.8
Worst Pair	1,2	1,2	1,2	1,2
<b>PS ACR-F (dB)</b>	12.8	13.0	13.9	13.4
Freq. (MHz)	180.0	101.0	232.5	235.0
Limit (dB)	15.2	20.2	12.9	12.8

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	1,2-7,8
<b>ACR-N (dB)</b>	6.1	5.1	24.9	22.6
Freq. (MHz)	5.4	3.4	248.0	224.5
Limit (dB)	56.3	60.5	-2.6	0.2
Worst Pair	3,6	3,6	1,2	1,2
<b>PS ACR-N (dB)</b>	8.2	7.1	25.2	27.7
Freq. (MHz)	5.4	3.4	246.5	248.5
Limit (dB)	53.8	58.0	-5.4	-5.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	7,8	7,8	7,8
<b>RL (dB)</b>	8.9	7.2	11.7	10.7
Freq. (MHz)	3.4	3.6	161.5	177.0
Limit (dB)	19.0	19.0	9.9	9.5

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