



### Cable ID: UTP CAT6 23WG LSZH

Test Limit: TIA Cat 6 Perm. Link (+PoE)

Limits Version: V7.11

Date / Time: 11/25/2025 09:24:27 AM

Headroom 6.3 dB (NEXT 3,6-4,5)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 21200117

Software Version: V6.13 Build 2

Calibration Date: 02/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 21331545

### Test Summary: PASS

Remote: Versiv

S/N: 21200257

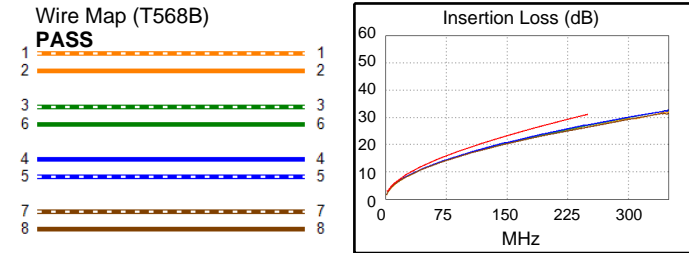
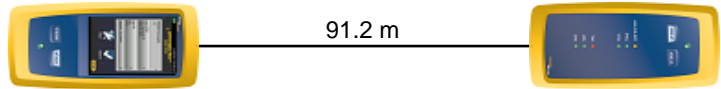
Software Version: V6.13 Build 2

Calibration Date: 02/01/2025

Adapter: DSX-5000R (DSX-PLA004)

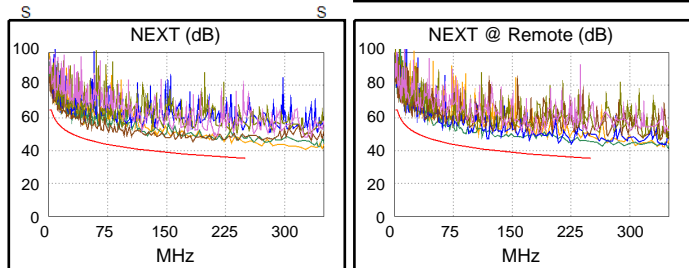
S/N: 21331546

Length (m), Limit 90.0	[Pair 7,8]	91.2
Prop. Delay (ns), Limit 498	[Pair 4,5]	473
Delay Skew (ns), Limit 44	[Pair 4,5]	32
Resistance (ohms), Limit 21.00	[Pair 4,5]	14.55
Resist. Unbal. (ohms), Limit 0.350	[Pair 1,2]	0.004
Resist. P2P Unbal. (ohms), Limit 0.510	[Pair 1,2-4,5]	0.065
Insertion Loss Margin (dB)	[Pair 4,5]	3.8
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	31.1

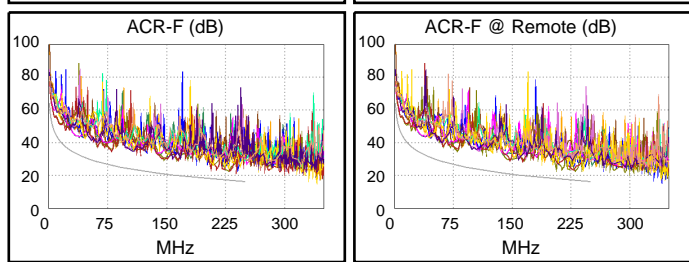


Worst Case Margin Worst Case Value

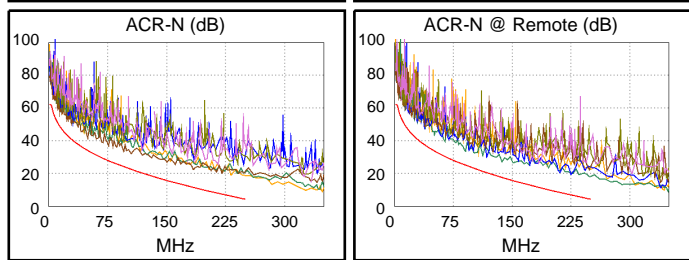
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-7,8	1,2-3,6	1,2-7,8
<b>NEXT (dB)</b>	6.3	6.6	8.8	7.1
Freq. (MHz)	49.5	118.0	233.0	210.0
Limit (dB)	46.8	40.7	35.8	36.6
Worst Pair	4,5	1,2	3,6	1,2
<b>PS NEXT (dB)</b>	7.7	6.8	9.2	7.0
Freq. (MHz)	49.3	101.0	232.5	210.0
Limit (dB)	44.3	39.2	33.2	34.0



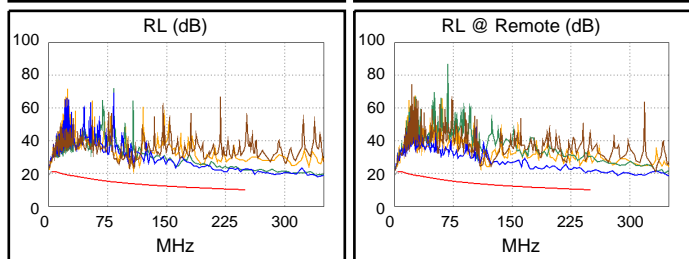
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	4,5-3,6	3,6-4,5
<b>ACR-F (dB)</b>	4.5	4.3	4.5	4.3
Freq. (MHz)	230.0	230.0	230.0	230.0
Limit (dB)	17.0	17.0	17.0	17.0
Worst Pair	3,6	4,5	3,6	4,5
<b>PS ACR-F (dB)</b>	6.9	6.8	6.9	6.8
Freq. (MHz)	230.0	230.0	230.0	230.0
Limit (dB)	14.0	14.0	14.0	14.0



N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-4,5	1,2-3,6	1,2-4,5
<b>ACR-N (dB)</b>	7.4	8.5	13.8	13.5
Freq. (MHz)	49.5	90.5	250.0	249.5
Limit (dB)	34.1	25.0	4.2	4.3
Worst Pair	3,6	1,2	1,2	1,2
<b>PS ACR-N (dB)</b>	8.5	8.9	14.5	14.6
Freq. (MHz)	5.4	101.0	250.0	250.0
Limit (dB)	55.7	20.6	1.6	1.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	4,5	4,5	4,5
<b>RL (dB)</b>	6.2	4.6	10.2	10.2
Freq. (MHz)	3.6	3.5	228.5	243.5
Limit (dB)	21.0	21.0	10.4	10.1



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