



### Cable ID: CAT6A 23AWG U/UTP

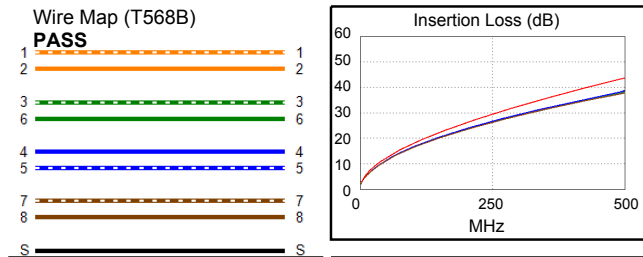
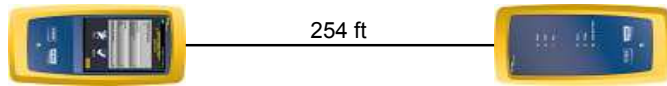
Test Limit: TIA Cat 6A Perm. Link  
 Limits Version: V7.5  
 Date / Time: 07/14/2023 17:12:22  
**Headroom 7.9 dB (NEXT 3,6-4,5)**  
 Cable Type: Cat 6A U/UTP  
 NVP: 68.2%

Main: Versiv  
 S/N: 2103021  
 Software Version: V6.5 Build 5  
 Calibration Date: 05/13/2021  
 Adapter: DSX-8000 (DSX-PLA804)  
 S/N: 4603091

### Test Summary: PASS

Remote: Versiv  
 S/N: 2052893  
 Software Version: V6.5 Build 5  
 Calibration Date: 05/13/2021  
 Adapter: DSX-8000R (DSX-PLA804)  
 S/N: 4603092

Length (ft), Limit 295	[Pair 4,5]	254
Prop. Delay (ns), Limit 498	[Pair 3,6]	387
Delay Skew (ns), Limit 44	[Pair 3,6]	8
Resistance (ohms)	[Pair 3,6]	13.41
Insertion Loss Margin (dB)	[Pair 4,5]	5.1
Frequency (MHz)	[Pair 4,5]	500.0
Limit (dB)	[Pair 4,5]	43.8



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	1,2-3,6
<b>NEXT (dB)</b>	8.2	7.9	9.4	10.7
Freq. (MHz)	273.0	270.0	500.0	500.0
Limit (dB)	34.7	34.8	26.7	26.7
Worst Pair	3,6	3,6	3,6	3,6
<b>PS NEXT (dB)</b>	9.4	8.9	9.8	10.0
Freq. (MHz)	458.0	270.0	500.0	499.0
Limit (dB)	25.1	32.1	23.8	23.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-4,5	4,5-3,6
<b>ACR-F (dB)</b>	18.3	18.3	20.2	20.5
Freq. (MHz)	11.1	11.6	389.0	389.0
Limit (dB)	43.3	42.9	12.4	12.4
Worst Pair	3,6	3,6	3,6	3,6
<b>PS ACR-F (dB)</b>	17.6	17.8	19.4	19.5
Freq. (MHz)	1.0	1.0	499.0	498.0
Limit (dB)	61.2	61.2	7.2	7.2

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	1,2-3,6
<b>ACR-N (dB)</b>	11.2	10.9	14.5	16.2
Freq. (MHz)	273.0	270.0	500.0	500.0
Limit (dB)	3.7	4.0	-17.1	-17.1
Worst Pair	3,6	3,6	3,6	3,6
<b>PS ACR-N (dB)</b>	12.8	12.2	15.3	15.6
Freq. (MHz)	273.0	270.0	500.0	500.0
Limit (dB)	1.1	1.4	-20.0	-20.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	7,8
<b>RL (dB)</b>	4.8	5.9	8.7	8.4
Freq. (MHz)	3.1	3.1	447.0	492.0
Limit (dB)	21.0	21.0	8.0	8.0

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

