



Cable ID: CAT6A 23AWG S/FTP

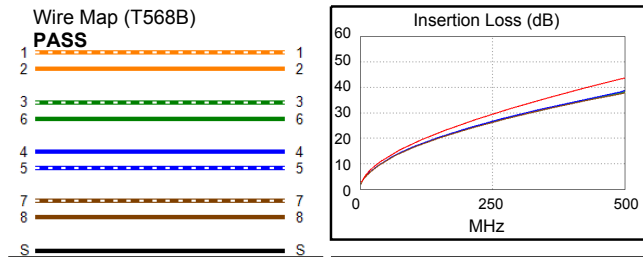
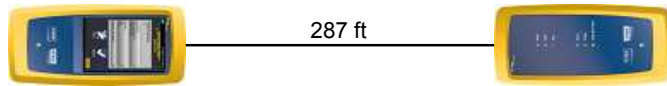
Test Limit: TIA Cat 6A Perm. Link
 Limits Version: V7.5
 Date / Time: 07/14/2023 17:11:38
Headroom 7.9 dB (NEXT 3,6-4,5)
 Cable Type: Cat 6A S/FTP
 NVP: 77.0%

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]	287
Prop. Delay (ns), Limit 498	[Pair 3,6]	387
Delay Skew (ns), Limit 44	[Pair 3,6]	8
Resistance (ohms)	[Pair 3,6]	13.42
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
NEXT (dB)	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
PS NEXT (dB)	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	3,6-1,2	1,2-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	18.3	18.3	20.1	20.4
Freq. (MHz)	11.5	11.4	389.0	389.0
Limit (dB)	43.0	43.1	12.4	12.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	17.6	17.8	19.3	19.5
Freq. (MHz)	1.0	1.5	499.0	498.0
Limit (dB)	61.2	57.7	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
ACR-N (dB)	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
PS ACR-N (dB)	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	4,5	1,2	4,5	7,8
RL (dB)	4.9	6.0	8.7	8.4
Freq. (MHz)	3.1	3.1	448.0	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

