



Cable ID: CAT6A 30AWG S/FTP

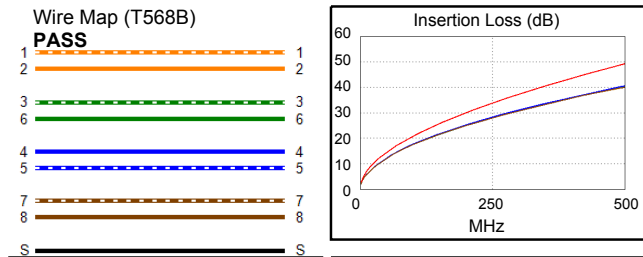
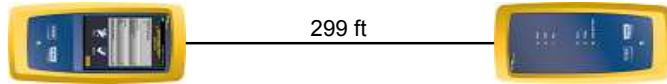
Test Limit: TIA Cat 6A Channel
 Limits Version: V7.5
 Date / Time: 07/14/2023 17:07:17
 Headroom 12.3 dB (NEXT 1,2-3,6)
 Cable Type: Cat 6A S/FTP
 NVP: 77.0%

Main: Versiv
 S/N: 2103021
 Software Version: V6.5 Build 5
 Calibration Date: 05/13/2021
 Adapter: DSX-8000 (DSX-CHA004)
 S/N: 3688043

Test Summary: PASS

Remote: Versiv
 S/N: 2052893
 Software Version: V6.5 Build 5
 Calibration Date: 05/13/2021
 Adapter: DSX-8000R (DSX-CHA004)
 S/N: 4731330

Length (ft), Limit 328	[Pair 4,5]	299
Prop. Delay (ns), Limit 555	[Pair 3,6]	403
Delay Skew (ns), Limit 50	[Pair 3,6]	9
Resistance (ohms)	[Pair 3,6]	15.80
Insertion Loss Margin (dB)	[Pair 4,5]	8.6
Frequency (MHz)	[Pair 4,5]	500.0
Limit (dB)	[Pair 4,5]	49.3



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	12.3	15.8	12.9	15.8
Freq. (MHz)	436.0	497.0	478.0	497.0
Limit (dB)	27.7	26.2	26.6	26.2
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	13.7	16.9	13.7	17.0
Freq. (MHz)	481.0	494.0	481.0	498.0
Limit (dB)	23.7	23.4	23.7	23.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-1,2	3,6-1,2	1,2-3,6
ACR-F (dB)	16.4	16.5	17.0	16.8
Freq. (MHz)	300.0	300.0	461.0	461.0
Limit (dB)	13.7	13.7	10.0	10.0
Worst Pair	3,6	3,6	1,2	3,6
PS ACR-F (dB)	17.2	17.8	19.7	18.5
Freq. (MHz)	305.0	364.0	461.0	464.0
Limit (dB)	10.6	9.0	7.0	6.9

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	1,2-3,6	1,2-3,6
ACR-N (dB)	15.7	20.3	22.6	24.7
Freq. (MHz)	3.6	3.4	500.0	497.0
Limit (dB)	59.8	60.4	-23.2	-23.0
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	15.1	20.3	23.9	26.0
Freq. (MHz)	3.6	2.4	500.0	499.0
Limit (dB)	57.3	58.7	-26.1	-26.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	4,5	3,6
RL (dB)	3.9	5.8	13.6	13.2
Freq. (MHz)	3.0	2.9	448.0	479.0
Limit (dB)	19.0	19.0	6.0	6.0

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	

