



Cable ID: 1110/21-UTP-57-CAT6-PVC-01

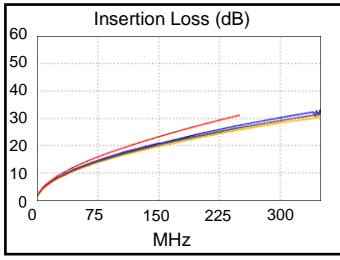
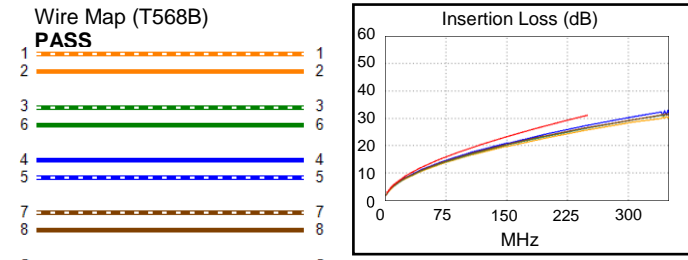
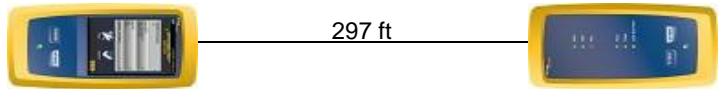
Test Limit: TIA Cat 6 Perm. Link
Limits Version: V7.5
Date / Time: 10/18/2021 11:17:09 AM
Operator: MARZBAN
Headroom 9.2 dB (NEXT 3,6-4,5)
Cable Type: Cat 6 U/UTP
NVP: 69.0%

Main: Versiv
S/N: 2968377
Software Version: V6.5 Build 5
Calibration Date: 09/15/2019
Adapter: DSX-5000 (DSX-PLA004)
S/N: 4647128

Test Summary: PASS

Remote: Versiv
S/N: 2968378
Software Version: V6.5 Build 5
Calibration Date: 09/15/2019
Adapter: DSX-5000R (DSX-PLA004)
S/N: 4647127

Length (ft), Limit 295	[Pair 4,5]	297
Prop. Delay (ns), Limit 498	[Pair 7,8]	448
Delay Skew (ns), Limit 44	[Pair 7,8]	11
Resistance (ohms)	[Pair 7,8]	13.73
Insertion Loss Margin (dB)	[Pair 4,5]	3.7
Frequency (MHz)	[Pair 4,5]	248.0
Limit (dB)	[Pair 4,5]	31.0



Worst Case Margin Worst Case Value

	MAIN	SR	MAIN	SR
PASS				
Worst Pair	3,6-4,5	1,2-3,6	3,6-4,5	3,6-7,8
NEXT (dB)	9.2	10.3	9.2	10.9
Freq. (MHz)	247.0	154.5	247.0	248.0
Limit (dB)	35.4	38.8	35.4	35.4
Worst Pair	4,5	3,6	4,5	3,6
PS NEXT (dB)	8.1	10.9	8.1	10.9
Freq. (MHz)	247.0	248.5	247.0	248.5
Limit (dB)	32.8	32.7	32.8	32.7
PASS				
Worst Pair	3,6-4,5	1,2-4,5	3,6-4,5	1,2-4,5
ACR-F (dB)	10.7	10.5	10.9	10.5
Freq. (MHz)	246.5	250.0	249.5	250.0
Limit (dB)	16.4	16.2	16.2	16.2
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	12.2	11.7	12.2	11.7
Freq. (MHz)	244.0	244.0	244.0	244.0
Limit (dB)	13.4	13.4	13.4	13.4
N/A				
Worst Pair	1,2-4,5	3,6-4,5	3,6-4,5	3,6-7,8
ACR-N (dB)	11.6	13.3	13.0	15.4
Freq. (MHz)	80.5	14.1	247.0	248.0
Limit (dB)	26.9	48.8	4.5	4.4
Worst Pair	4,5	3,6	4,5	3,6
PS ACR-N (dB)	11.9	14.1	11.9	15.6
Freq. (MHz)	247.0	7.0	247.0	248.5
Limit (dB)	1.9	53.3	1.9	1.8
PASS				
Worst Pair	1,2	1,2	4,5	4,5
RL (dB)	6.2	7.0	10.9	10.7
Freq. (MHz)	4.8	3.6	174.5	181.5
Limit (dB)	21.0	21.0	11.6	11.4

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

