

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
2T1-038	PASS	TIA Cat 5e Channel	66 ft	5.3 dB (NEXT)	08/29/2022 12:21 PM

Total Length:	66 ft
Number of Reports:	1
Number of Passing Reports:	1
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



## Cable ID: 2T1-038

Test Limit: TIA Cat 5e Channel

Limits Version: V7.6

Date / Time: 08/29/2022 12:21:45 PM

Operator: BILLY MOORE

Headroom 5.3 dB (NEXT 3,6-4,5)

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Main: Versiv

S/N: 19140167

Software Version: V6.7 Build 1

Calibration Date: 07/01/2022

Adapter: DSX-5000 (DSX-CHA004)

S/N: 4592537

## Test Summary: PASS

Remote: Versiv

S/N: 19140163

Software Version: V6.7 Build 1

Calibration Date: 07/01/2022

Adapter: DSX-5000R (DSX-PLA004)

S/N: 4537098

Length (ft), Limit 328	[Pair 1,2]	66
Prop. Delay (ns), Limit 555	[Pair 3,6]	104
Delay Skew (ns), Limit 50	[Pair 3,6]	7
Resistance (ohms)	[Pair 3,6]	4.06
Insertion Loss Margin (dB)	[Pair 3,6]	19.2
Frequency (MHz)	[Pair 3,6]	100.0
Limit (dB)	[Pair 3,6]	24.0



66 ft

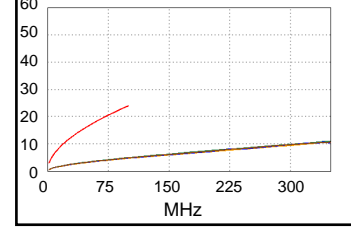


Wire Map (T568A)

PASS

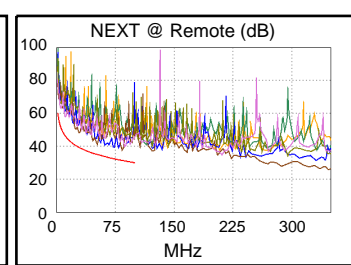
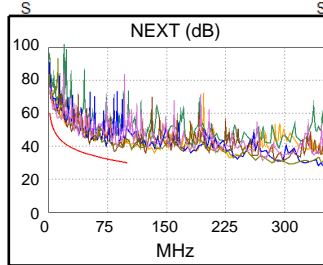


Insertion Loss (dB)

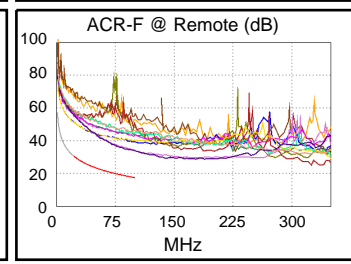
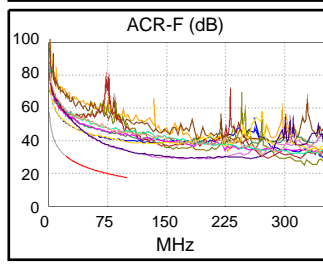


Worst Case Margin Worst Case Value

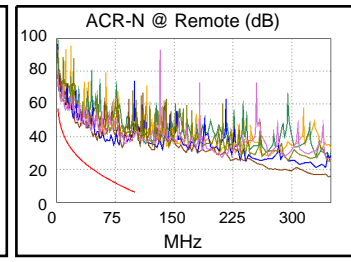
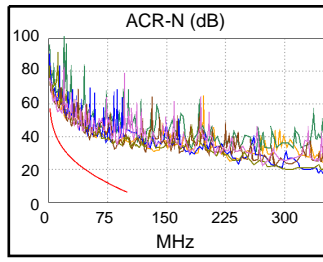
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	5.3	6.2	5.3	6.3
Freq. (MHz)	84.3	51.8	84.3	84.3
Limit (dB)	31.4	35.0	31.4	31.4
Worst Pair	3,6	7,8	3,6	4,5
PS NEXT (dB)	6.0	8.1	6.1	8.6
Freq. (MHz)	83.0	61.8	83.8	84.8
Limit (dB)	28.5	30.7	28.4	28.3



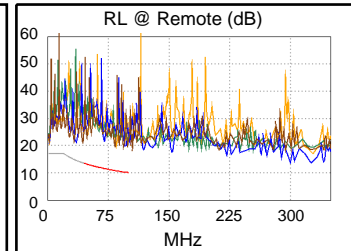
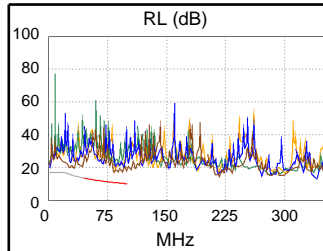
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	7,8-3,6	3,6-7,8	7,8-3,6
ACR-F (dB)	16.4	16.3	16.6	16.6
Freq. (MHz)	92.8	92.8	100.0	100.0
Limit (dB)	18.1	18.1	17.4	17.4
Worst Pair	7,8	7,8	7,8	7,8
PS ACR-F (dB)	18.1	18.2	18.4	18.3
Freq. (MHz)	91.5	97.0	100.0	100.0
Limit (dB)	15.2	14.7	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	3,6-4,5	3,6-4,5	3,6-4,5
ACR-N (dB)	15.6	14.8	22.9	23.9
Freq. (MHz)	5.5	2.6	84.3	84.3
Limit (dB)	46.0	52.9	9.5	9.5
Worst Pair	4,5	7,8	3,6	3,6
PS ACR-N (dB)	16.7	15.5	23.4	26.0
Freq. (MHz)	2.5	4.8	83.8	84.0
Limit (dB)	50.4	44.5	6.6	6.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	6.1	7.2	6.1	8.8
Freq. (MHz)	83.5	43.3	83.5	94.0
Limit (dB)	10.8	13.7	10.8	10.3



Compliant Network Standards:

10BASE-T 100BASE-TX  
1000BASE-T 2.5GBASE-T  
ATM-51 ATM-155  
TR-4 TR-16 Active

100BASE-T4  
ATM-25  
100VG-AnyLan  
TR-16 Passive