

Cable ID 1E2-064	Summary PASS	Test Limit TIA Cat 5e Channel	Length 88 ft	Headroom 6.1 dB (NEXT)	Date / Time 11/23/2022 11:09 AM
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Total Length:	88 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: 1E2-064

Test Limit: TIA Cat 5e Channel

Limits Version: V7.6

Date / Time: 11/23/2022 11:09:22 AM

Operator: SHAWN KELLY

Headroom 6.1 dB (NEXT 3,6-4,5)

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Main: Versiv

S/N: 3518227

Software Version: V6.7 Build 1

Calibration Date: 07/23/2022

Adapter: DSX-5000 (DSX-PLA004)

S/N: 4644127

Test Summary: PASS

Remote: Versiv

S/N: 3491268

Software Version: V6.7 Build 1

Calibration Date: 07/23/2022

Adapter: DSX-5000R (DSX-CHA004)

S/N: 3509259

Length (ft), Limit 328	[Pair 1,2]	88
Prop. Delay (ns), Limit 555	[Pair 3,6]	139
Delay Skew (ns), Limit 50	[Pair 3,6]	9
Resistance (ohms)	[Pair 3,6]	7.87
Insertion Loss Margin (dB)	[Pair 3,6]	17.7
Frequency (MHz)	[Pair 3,6]	100.0
Limit (dB)	[Pair 3,6]	24.0



88 ft

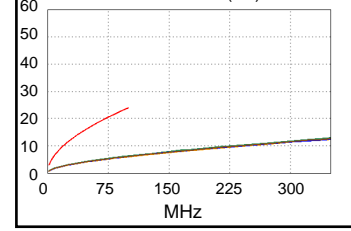


Wire Map (T568B)

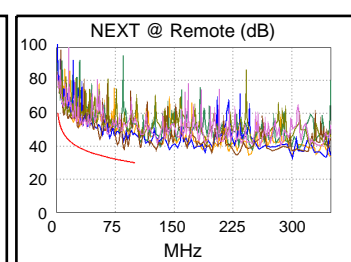
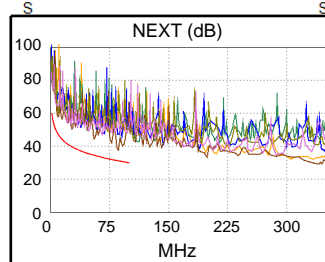
PASS



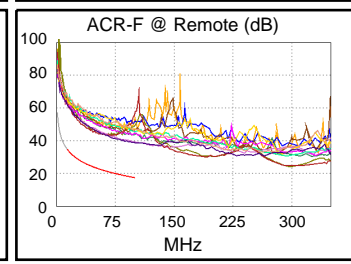
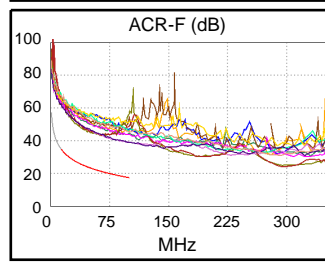
Insertion Loss (dB)



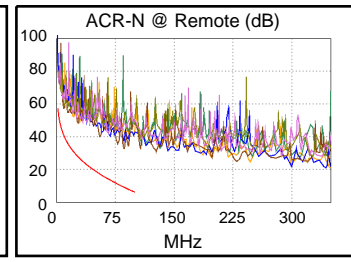
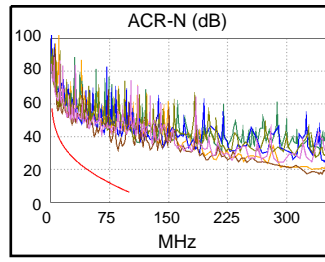
	Worst Case Margin	Worst Case Value		
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	6.1	7.1	6.2	7.1
Freq. (MHz)	85.5	86.3	85.8	86.3
Limit (dB)	31.3	31.2	31.2	31.2
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	9.1	9.7	9.2	9.7
Freq. (MHz)	85.5	86.3	85.8	86.3
Limit (dB)	28.3	28.2	28.2	28.2



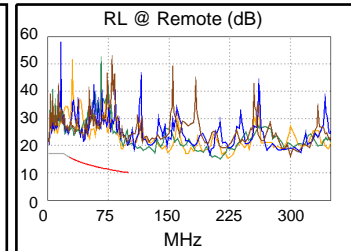
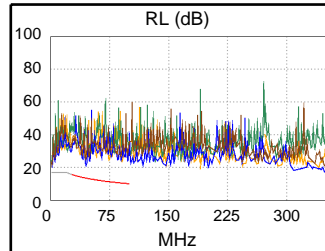
	Worst Case Margin	Worst Case Value		
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	7,8-3,6	7,8-3,6	7,8-3,6
ACR-F (dB)	21.2	21.0	21.5	21.5
Freq. (MHz)	91.5	91.5	98.5	100.0
Limit (dB)	18.2	18.2	17.5	17.4
Worst Pair	3,6	3,6	7,8	7,8
PS ACR-F (dB)	21.4	21.2	23.4	23.5
Freq. (MHz)	64.0	50.8	99.8	98.5
Limit (dB)	18.3	20.3	14.4	14.5



	Worst Case Margin	Worst Case Value		
N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
ACR-N (dB)	15.2	16.3	22.6	23.7
Freq. (MHz)	9.1	9.0	85.8	86.3
Limit (dB)	40.9	41.0	9.2	9.0
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	16.4	17.2	25.4	26.1
Freq. (MHz)	9.1	9.6	85.8	86.3
Limit (dB)	37.9	37.3	6.2	6.0



	Worst Case Margin	Worst Case Value		
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	1,2
RL (dB)	7.6	7.6	7.6	8.0
Freq. (MHz)	45.3	45.0	45.3	92.0
Limit (dB)	13.5	13.5	13.5	10.4



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