

Cable ID 6TRA-093 **Summary** PASS

Test Limit TIA Cat 5e Channel **Length** 94 ft Headroom 10.2 dB (NEXT) **Date / Time** 08/22/2022 02:25 PM





Total Length: 94 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: 6TRA-093

Test Limit: TIA Cat 5e Channel

Limits Version: V7.6

Date / Time: 08/22/2022 02:25:57 PM

Operator: BILLY MOORE

Headroom 10.2 dB (NEXT 1,2-7,8)

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-CHA004)

S/N: 3509343

Test Summary: PASS

Remote: Versiv S/N: 3491268

Software Version: V6.7 Build 1 Calibration Date: 07/23/2022 Adapter: DSX-5000R (DSX-PLA004)

S/N: 4644127

Length (ft), Limit 328	[Pair 7,8]	94
Prop. Delay (ns), Limit 555	[Pair 3,6]	141
Delay Skew (ns), Limit 50	[Pair 1,2]	2
Resistance (ohms)	[Pair 1,2]	5.39
Insertion Loss Margin (dB)	[Pair 1,2]	17.5 100.0
Frequency (MHz)	[Pair 1,2]	
Limit (dB)	[Pair 1,2]	24.0

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	3,6-4,5	1,2-7,8	3,6-4,5
NEXT (dB)	10.2	12.1	10.2	12.1
Freq. (MHz)	72.3	96.3	72.3	96.3
Limit (dB)	32.5	30.4	32.5	30.4
Worst Pair	1,2	3,6	1,2	3,6
PS NEXT (dB)	11.6	13.1	11.7	13.1
Freq. (MHz)	71.8	96.3	72.3	96.3
Limit (dB)	29.6	27.4	29.5	27.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
ACR-F (dB)	17.1	17.1	18.4	18.4
Freq. (MHz)	2.5	2.3	100.0	99.0
Limit (dB)	49.4	50.4	17.4	17.5
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	18.0	18.0	19.4	19.4
Freq. (MHz)	1.1	2.3	100.0	99.0
Limit (dB)	53.4	47.4	14.4	14.5

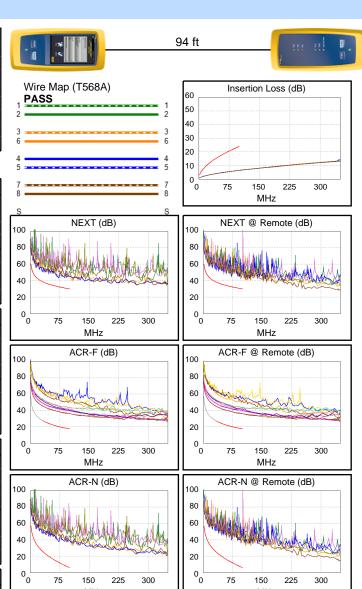
N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	3,6-4,5	1,2-7,8	3,6-4,5
ACR-N (dB)	17.6	18.6	25.1	29.5
Freq. (MHz)	2.1	1.8	72.3	96.3
Limit (dB)	54.8	56.4	12.4	6.8
Worst Pair	1,2	3,6	3,6	3,6
PS ACR-N (dB)	17.6	18.5	31.2	30.5
Freq. (MHz)	2.4	1.8	96.5	96.3
Limit (dB)	50.8	53.4	3.8	3.8

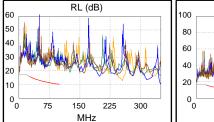
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PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	1,2	3,6
RL (dB)	7.8	8.4	10.4	12.3
Freq. (MHz)	31.3	31.0	96.0	90.8
Limit (dB)	15.1	15.1	10.2	10.4

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

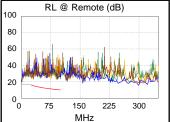




225

150

MHz



150

MHz

225

LinkWare™ PC Version 10.8.1

