

**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
Frequency (MHz)	[Pair 1,2]	100.0
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
<b>NEXT (dB)</b>	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
<b>PS NEXT (dB)</b>	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
<b>ACR-F (dB)</b>	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
<b>PS ACR-F (dB)</b>	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
<b>ACR-N (dB)</b>	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
<b>PS ACR-N (dB)</b>	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

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	1,2	3,6
<b>RL (dB)</b>	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



94 ft



Wire Map (T568A)

PASS



Insertion Loss (dB)

