

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
2TRA-040	PASS	TIA Cat 5e Channel	189 ft	1.7 dB (NEXT)	11/08/2022 02:52 PM

Total Length:	189 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: 2TRA-040

Test Limit: TIA Cat 5e Channel

Limits Version: V7.6

Date / Time: 11/08/2022 02:52:27 PM

Operator: BILLY MOORE

Headroom 1.7 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: 4537097

Length (ft), Limit 328	[Pair 4,5]	189
Prop. Delay (ns), Limit 555	[Pair 3,6]	297
Delay Skew (ns), Limit 50	[Pair 3,6]	18
Resistance (ohms)	[Pair 3,6]	11.16
Insertion Loss Margin (dB)	[Pair 3,6]	10.2
Frequency (MHz)	[Pair 3,6]	100.0
Limit (dB)	[Pair 3,6]	24.0

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)	3.5	1.7	3.5	2.9
Freq. (MHz)	62.5	38.3	62.5	92.3
Limit (dB)	33.6	37.2	33.6	30.7
Worst Pair	3,6	4,5	3,6	3,6
PS NEXT (dB)	6.1	4.0	6.1	5.5
Freq. (MHz)	62.5	38.3	62.5	92.3
Limit (dB)	30.6	34.2	30.6	27.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-4,5	4,5-7,8	7,8-4,5	4,5-7,8
ACR-F (dB)	14.8	14.8	19.4	19.3
Freq. (MHz)	1.6	1.6	100.0	100.0
Limit (dB)	53.2	53.2	17.4	17.4
Worst Pair	7,8	7,8	7,8	7,8
PS ACR-F (dB)	16.2	16.1	19.3	17.3
Freq. (MHz)	40.5	47.5	84.8	68.5
Limit (dB)	22.3	20.9	15.8	17.7

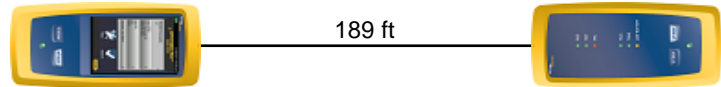
N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
ACR-N (dB)	11.0	8.4	19.2	13.5
Freq. (MHz)	16.4	38.3	92.5	92.3
Limit (dB)	34.3	22.9	7.7	7.7
Worst Pair	7,8	4,5	3,6	3,6
PS ACR-N (dB)	12.5	10.7	20.4	15.3
Freq. (MHz)	4.0	38.3	92.5	92.5
Limit (dB)	46.1	19.9	4.7	4.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	1,2	4,5	1,2
RL (dB)	6.8	8.8	8.2	9.8
Freq. (MHz)	7.4	8.6	89.8	79.3
Limit (dB)	17.0	17.0	10.5	11.0

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



Wire Map (T568A)

PASS



Insertion Loss (dB)

