

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
OU6	PASS	TIA Cat 6 Perm. Link	178 ft	7.5 dB (NEXT)	08/08/2024 01:11 PM

Total Length:	178 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: OU6

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.9

Date / Time: 08/08/2024 01:11:56 PM

Operator: Z

Headroom 7.5 dB (NEXT 1,2-7,8)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 3400093

Software Version: V6.11 Build 2

Calibration Date: 07/20/2021

Adapter: DSX-5000 (DSX-PLA004)

S/N: 3399033

Test Summary: PASS

Remote: Versiv

S/N: 3400005

Software Version: V6.11 Build 2

Calibration Date: 07/20/2021

Adapter: DSX-5000R (DSX-PLA004)

S/N: 3399034

Length (ft), Limit 295	[Pair 1,2]	178
Prop. Delay (ns), Limit 498	[Pair 4,5]	274
Delay Skew (ns), Limit 44	[Pair 4,5]	12
Resistance (ohms)	[Pair 3,6]	8.36
Insertion Loss Margin (dB)	[Pair 4,5]	11.2
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	31.1

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	1,2-7,8	4,5-7,8	3,6-7,8
NEXT (dB)	7.6	7.5	9.3	10.3
Freq. (MHz)	186.0	5.6	239.5	233.5
Limit (dB)	37.4	61.8	35.6	35.8
Worst Pair	1,2	1,2	4,5	7,8
PS NEXT (dB)	7.6	7.7	10.1	11.2
Freq. (MHz)	5.4	5.4	239.5	233.5
Limit (dB)	59.8	59.8	33.0	33.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-1,2	7,8-1,2	1,2-7,8	7,8-1,2
ACR-F (dB)	6.3	6.4	7.3	6.9
Freq. (MHz)	116.0	115.0	176.5	176.5
Limit (dB)	22.9	23.0	19.3	19.3
Worst Pair	7,8	7,8	1,2	1,2
PS ACR-F (dB)	8.8	9.0	11.8	10.9
Freq. (MHz)	115.0	115.0	250.0	243.5
Limit (dB)	20.0	20.0	13.2	13.5

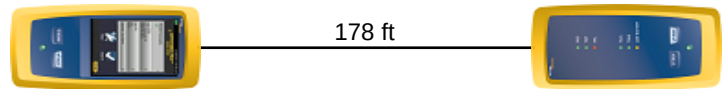
N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	4,5-7,8	3,6-7,8
ACR-N (dB)	9.8	9.4	20.9	21.8
Freq. (MHz)	5.4	5.6	240.0	233.5
Limit (dB)	58.0	57.6	5.3	5.9
Worst Pair	1,2	1,2	4,5	7,8
PS ACR-N (dB)	9.4	9.5	20.9	22.7
Freq. (MHz)	5.4	5.5	239.5	233.5
Limit (dB)	55.7	55.5	2.7	3.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	7,8	7,8
RL (dB)	10.6	11.0	12.8	11.7
Freq. (MHz)	10.6	9.0	250.0	241.0
Limit (dB)	20.9	21.0	10.0	10.2

Compliant Network Standards:

10BASE-T 100BASE-TX
1000BASE-T 2.5GBASE-T
ATM-25 ATM-51
100VG-AnyLan TR-4
TR-16 Passive

100BASE-T4
5GBASE-T
ATM-155
TR-16 Active



Wire Map (T568B)

PASS



Insertion Loss (dB)

