

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
1A.RO1.10:09	PASS	TIA Cat 6A Perm. Link	153 ft	6.2 dB (NEXT)	11/18/2022 03:48 PM
1A.RO1.10:10	PASS	TIA Cat 6A Perm. Link	154 ft	5.5 dB (NEXT)	11/18/2022 03:54 PM
1A.RO1.10:11	PASS	TIA Cat 6A Perm. Link	160 ft	6.2 dB (NEXT)	11/18/2022 03:57 PM
1A.RO1.10:12	PASS	TIA Cat 6A Perm. Link	159 ft	1.0 dB (NEXT)	11/18/2022 03:58 PM





Total Length: 626 ft
Number of Reports: 4
Number of Passing Reports: 4
Number of Failing Reports: 0
Number of Warning Reports: 0
Documentation Only: 0







Cable ID: 1A.RO1.10:09
Test Limit: TIA Cat 6A Perm. Link

Limits Version: V7.6

Date / Time: 11/18/2022 03:48:54 PM

Operator: ZEKE GOMEZ Headroom 6.2 dB (NEXT 1,2-7,8)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

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-PLA004)

S/N: 4644128

Length (ft), Limit 295	[Pair 1,2]	153
Prop. Delay (ns), Limit 498	[Pair 4,5]	247
Delay Skew (ns), Limit 44	[Pair 4,5]	19
Resistance (ohms)	[Pair 4,5]	7.88
Insertion Loss Margin (dB) Frequency (MHz) Limit (dB)	[Pair 3,6] [Pair 3,6] [Pair 3,6]	20.6 500.0 43.8

Worst Case Margin	Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	3,6-4,5	3,6-7,8
NEXT (dB)	6.2	6.7	9.3	7.7
Freq. (MHz)	7.5	7.8	475.0	456.0
Limit (dB)	59.8	59.6	27.4	28.0
Worst Pair	1,2	4,5	3,6	3,6
PS NEXT (dB)	8.2	8.4	9.5	9.0
Freq. (MHz)	7.5	18.1	474.0	457.0
Limit (dB)	57.5	51.4	24.6	25.1

MAIN	SR	MAIN	SR
1,2-4,5	1,2-4,5	1,2-4,5	1,2-4,5
17.8	17.3	17.8	17.3
409.0	418.0	409.0	418.0
12.0	11.8	12.0	11.8
4,5	4,5	4,5	4,5
17.9	17.5	17.9	17.5
409.0	418.0	409.0	418.0
9.0	8.8	9.0	8.8
	1,2-4,5 17.8 409.0 12.0 4,5 17.9 409.0	1,2-4,5 1,2-4,5 17.8 17.3 409.0 418.0 12.0 11.8 4,5 4,5 17.9 17.5 409.0 418.0	1,2-4,5 1,2-4,5 1,2-4,5 17.8 17.3 17.8 409.0 418.0 409.0 12.0 11.8 12.0 4,5 4,5 4,5 17.9 17.5 17.9 409.0 418.0 409.0

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	3,6-4,5	3,6-7,8
ACR-N (dB)	8.6	9.2	29.3	28.4
Freq. (MHz)	7.4	7.8	475.0	456.0
Limit (dB)	55.2	54.7	-15.1	-13.5
Worst Pair	1,2	1,2	3,6	3,6
PS ACR-N (dB)	10.7	11.1	31.4	28.6
Freq. (MHz)	7.5	7.8	500.0	457.0
Limit (dB)	52.7	52.4	-20.0	-16.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	4,5
RL (dB)	7.8	7.8	7.8	7.8
Freq. (MHz)	445.0	423.0	445.0	423.0
Limit (dB)	8.0	8.0	8.0	8.0

Compliant Network Standards:

 10BÅSE-T
 100BASE-TX

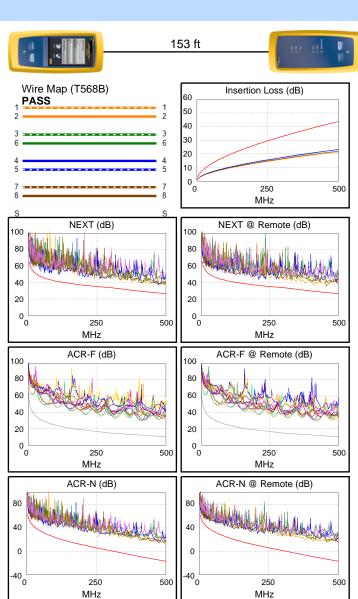
 100BASE-T
 2.5GBASE-T

 10GBASE-T
 ATM-25

 ATM-155
 100VG-AnyLan

 TR-16 Active
 TR-16 Passive

100BASE-T4 5GBASE-T ATM-51 TR-4





Project: WO441093 7A RM 119 WO441093 B-7A room 119.flw



RL @ Remote (dB)

MHz

100 80

60

20

100

60

40

20

RL (dB)

MHz





Cable ID: 1A.RO1.10:10 Test Limit: TIA Cat 6A Perm. Link

Limits Version: V7.6

Date / Time: 11/18/2022 03:54:28 PM

Operator: ZEKE GOMEZ Headroom 5.5 dB (NEXT 1,2-3,6)

Cable Type: Cat 6A U/UTP NVP: 68.2%

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-PLA004)

S/N: 4644128

Length (ft), Limit 295	[Pair 1,2]	154
Prop. Delay (ns), Limit 498	[Pair 4,5]	250
Delay Skew (ns), Limit 44	[Pair 4,5]	20
Resistance (ohms)	[Pair 4,5]	7.96
Insertion Loss Margin (dB) Frequency (MHz) Limit (dB)	[Pair 4,5] [Pair 4,5] [Pair 4,5]	20.6 500.0 43.8

Worst Case Margin

		- 3		
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	4,5-7,8	3,6-7,8	3,6-4,5
NEXT (dB)	5.5	7.1	8.1	9.6
Freq. (MHz)	277.0	256.0	476.0	500.0
Limit (dB)	34.6	35.2	27.4	26.7
Worst Pair	1,2	7,8	3,6	3,6
PS NEXT (dB)	6.0	7.4	7.7	10.1
Freq. (MHz)	276.0	280.0	476.0	500.0
Limit (dB)	32.0	31.9	24.5	23.8

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PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-4,5	7,8-4,5	7,8-4,5	7,8-4,5
ACR-F (dB)	14.4	14.3	15.9	16.2
Freq. (MHz)	364.0	356.0	464.0	461.0
Limit (dB)	13.0	13.2	10.9	10.9
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	16.0	16.0	17.2	16.7
Freq. (MHz)	357.0	355.0	464.0	460.0
Limit (dB)	10.1	10.2	7.9	7.9

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-7,8	3,6-4,5
ACR-N (dB)	11.3	11.9	31.0	30.2
Freq. (MHz)	7.9	4.1	500.0	500.0
Limit (dB)	54.6	60.3	-17.1	-17.1
Worst Pair	4,5	7,8	3,6	3,6
PS ACR-N (dB)	11.8	11.4	28.4	31.3
Freq. (MHz)	8.0	13.6	477.0	500.0
Limit (dB)	52.1	46.9	-18.1	-20.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	4,5	1,2	4,5
RL (dB)	7.6	6.5	8.1	6.5
Freq. (MHz)	52.5	429.0	461.0	429.0
Limit (dB)	16.8	8.0	8.0	8.0

Compliant Network Standards:

10BASE-T 100BASE-TX 1000BASE-T 2.5GBASE-T 10GBASE-T ATM-25 ATM-155 100VG-AnyLan TR-16 Active TR-16 Passive

100BASE-T4 5GBASE-T ATM-51 TR-4

tair 1,2] 154 tair 4,5] 250 tair 4,5] 20 tair 4,5] 7.96	154 ft	
ali 4,5] 7.90	Wire Map (T568B) PASS Insertion Loss (dB)	
rair 4,5] 20.6 rair 4,5] 500.0 rair 4,5] 43.8	1 50 40 40 3 6 30 20	
Worst Case Value	4 4 5 10	
MAIN SR 3,6-7,8 3,6-4,5	7 8 0 0 250 500 MHz	
8.1 9.6 476.0 500.0 27.4 26.7	S S NEXT (dB) NEXT @ Remote (dB) 80 NEXT @ Remote (dB)	
3,6 3,6 7.7 10.1 476.0 500.0 24.5 23.8	60 40 20	
MAIN SR	0 250 500 0 250 500	
7,8-4,5 7,8-4,5 15.9 16.2	MHz MHz	
464.0 461.0	ACR-F (dB) 100 ACR-F @ Remote (dB)	
10.9 10.9 4,5 4,5 17.2 16.7 464.0 460.0 7.9 7.9	80 60 40 20	
MAIN SR	0 250 500 0 250 500	
3,6-7,8 3,6-4,5	MHz	
31.0 30.2 500.0 500.0 -17.1 -17.1	ACR-N (dB) ACR-N @ Remote (dB)	
3,6 3,6 28.4 31.3 477.0 500.0 -18.1 -20.0	40 0 0	
MAIN SR	40 250 500 -40 250 500	
1,2 4,5	MHz	
8.1 6.5 461.0 429.0	RL (dB) RL @ Remote (dB)	
I 80 80 I		

20



LinkWare™ PC Version 10.8.1

MHz

80

40

20

MHz





Cable ID: 1A.RO1.10:11
Test Limit: TIA Cat 6A Perm. Link

Limits Version: V7.6

Date / Time: 11/18/2022 03:57:44 PM

Operator: ZEKE GOMEZ Headroom 6.2 dB (NEXT 1,2-7,8)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

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-PLA004)

S/N: 4644128

Length (ft), Limit 295	[Pair 1,2]	160
Prop. Delay (ns), Limit 498	[Pair 4,5]	259
Delay Skew (ns), Limit 44	[Pair 4,5]	20
Resistance (ohms)	[Pair 4,5]	8.28
Insertion Loss Margin (dB) Frequency (MHz) Limit (dB)	[Pair 4,5] [Pair 4,5] [Pair 4,5]	19.6 500.0 43.8

	Worst Case	e Margin	Worst C	ase Value
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	1,2-3,6	3,6-4,5
NEXT (dB)	6.4	6.2	10.1	10.1
Freq. (MHz)	226.5	65.5	498.0	485.0
Limit (dB)	36.0	44.8	26.7	27.1
Worst Pair	7,8	7,8	3,6	3,6
PS NEXT (dB	7.6	7.2	10.0	10.1
Freq. (MHz)	230.0	287.0	500.0	484.0
Limit (dB)	33.3	31.7	23.8	24.2

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PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	7,8-4,5	4,5-7,8	7,8-4,5
ACR-F (dB)	15.8	14.7	16.6	15.1
Freq. (MHz)	411.0	410.0	500.0	500.0
Limit (dB)	11.9	11.9	10.2	10.2
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	15.6	15.7	17.8	15.8
Freq. (MHz)	1.3	1.5	500.0	500.0
Limit (dB)	59.3	57.7	7.2	7.2

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	1,2-3,6	3,6-4,5
ACR-N (dB)	10.9	11.6	30.1	30.0
Freq. (MHz)	11.3	11.4	500.0	494.0
Limit (dB)	51.2	51.1	-17.1	-16.6
Worst Pair	1,2	1,2	3,6	4,5
PS ACR-N (dB)	11.5	11.5	29.9	30.3
Freq. (MHz)	11.3	11.5	500.0	494.0
Limit (dB)	48.8	48.6	-20.0	-19.5
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PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	4,5	4,5	4,5
RL (dB)	8.0	4.5	8.1	4.5
Freq. (MHz)	24.6	493.0	472.0	493.0
Limit (dB)	19.0	8.0	8.0	8.0

Compliant Network Standards:

 Compliant Network Standards.

 10BASE-T
 100BASE-TX

 1000BASE-T
 2.5GBASE-T

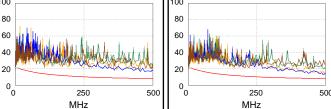
 10GBASE-T
 ATM-25

 ATM-155
 100VG-AnyLan

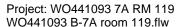
 TR-16 Active
 TR-16 Passive

100BASE-T4 5GBASE-T ATM-51 TR-4

1	60 ft
Wire Map (T568B) PASS 1 2 3 3	Insertion Loss (dB) 50 40 30 20 10 0 250 MHz
S NEXT (dB) 80 60 40 20 0 250 500 MHz	NEXT @ Remote (dB) 80 60 40 20 0 250 500 MHz
ACR-F (dB) 80 60 40 20 0 0 250 500 MHz	ACR-F @ Remote (dB) 80 80 40 20 0 250 MHz
ACR-N (dB) 80 40 0 250 500 MHz	ACR-N @ Remote (dB) 80 40 0 250 MHz
100 RL (dB)	RL @ Remote (dB)
80	80



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Cable ID: 1A.RO1.10:12
Test Limit: TIA Cat 6A Perm. Link

Limits Version: V7.6

Date / Time: 11/18/2022 03:58:03 PM

Operator: ZEKE GOMEZ **Headroom 1.0 dB (NEXT 1,2-7,8)** Cable Type: Cat 6A U/UTP

NVP: 68.2%

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-PLA004)

S/N: 4644128

Length (ft), Limit 295	[Pair 1,2]	159
Prop. Delay (ns), Limit 498	[Pair 4,5]	257
Delay Skew (ns), Limit 44	[Pair 4,5]	20
Resistance (ohms)	[Pair 4,5]	8.17
Insertion Loss Margin (dB) Frequency (MHz) Limit (dB)	[Pair 4,5] [Pair 4,5] [Pair 4,5]	20.3 500.0 43.8

	Worst Case Margin		Worst C	ase Value
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-7,8	3,6-4,5	3,6-4,5
NEXT (dB)	2.1	1.0	7.7	6.3
Freq. (MHz)	29.9	42.3	499.0	497.0
Limit (dB)	50.3	47.9	26.7	26.7
Worst Pair	3,6	7,8	3,6	3,6
PS NEXT (dB)	3.6	3.1	8.8	7.3
Freq. (MHz)	29.9	42.3	497.0	497.0
Limit (dB)	47.9	45.4	23.8	23.8

Limit (ab)	47.9	45.4	23.0	23.0
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	4,5-3,6	3,6-4,5
ACR-F (dB)	10.7	10.8	15.5	15.2
Freq. (MHz)	163.5	162.5	478.0	478.0
Limit (dB)	19.9	20.0	10.6	10.6
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	12.8	12.6	16.0	15.9
Freq. (MHz)	163.5	154.5	466.0	469.0
Limit (dB)	16.9	17.4	7.8	7.8

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-7,8	3,6-4,5	3,6-4,5
ACR-N (dB)	4.8	3.9	28.0	26.7
Freq. (MHz)	5.8	5.4	499.0	497.0
Limit (dB)	57.4	58.0	-17.0	-16.9
Worst Pair	4,5	7,8	3,6	3,6
PS ACR-N (dB)	6.5	5.5	29.4	27.9
Freq. (MHz)	5.8	5.5	497.0	497.0
Limit (dB)	55.1	55.5	-19.7	-19.7

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PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	4,5	4,5	4,5
RL (dB)	5.3	5.1	6.5	5.1
Freq. (MHz)	116.5	472.0	336.0	472.0
Limit (dB)	13.3	8.0	8.7	8.0

Compliant Network Standards:

 10BÅSE-T
 100BASE-TX

 100BASE-T
 2.5GBASE-T

 10GBASE-T
 ATM-25

 ATM-155
 100VG-AnyLan

 TR-16 Active
 TR-16 Passive

100BASE-T4 5GBASE-T ATM-51 TR-4

15	59 ft
Wire Map (T568B) PASS 1	Insertion Loss (dB) Insertion
NEXT (dB) 80 60 40 20 0 250 500 MHz	NEXT @ Remote (dB) 80 60 40 20 0 250 MHz
ACR-F (dB) 80 60 40 20 0 250 600 MHz	ACR-F @ Remote (dB) 80 60 40 20 0 0 250 MHz
ACR-N (dB) 80 40 0 250 500	ACR-N @ Remote (dB) 80 40 0 -40 0 250 500
0 250 500 MHz RL (dB)	250 500 MHz RL @ Remote (dB)
80	80

20

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Project: WO441093 7A RM 119 WO441093 B-7A room 119.flw



MHz

MHz

20