

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
A.P-3	PASS	TIA Cat 6 Perm. Link	61.0 m	3.3 dB (NEXT)	06/11/2022 15:31
A.P-5	PASS*	TIA Cat 6 Perm. Link	32.1 m	0.4 dB (NEXT)	06/11/2022 15:20

Total Length:	93.1 m
Number of Reports:	2
Number of Passing Reports:	2
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



Cable ID: A.P-3

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.6

Date / Time: 06/11/2022 15:31:24

Operator: SALADINO

Headroom 3.3 dB (NEXT 3,6-7,8)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 21470462

Software Version: V6.7 Build 1

Calibration Date: 05/10/2022

Adapter: DSX-5000 (DSX-PLA004)

S/N: 22152186

Test Summary: PASS

Remote: Versiv

S/N: 21470244

Software Version: V6.7 Build 1

Calibration Date: 05/10/2022

Adapter: DSX-5000R (DSX-PLA004)

S/N: 22152202

Length (m), Limit 90.0	[Pair 1,2]	61.0
Prop. Delay (ns), Limit 498	[Pair 4,5]	313
Delay Skew (ns), Limit 44	[Pair 4,5]	18
Resistance (ohms)	[Pair 4,5]	11.57
Insertion Loss Margin (dB)	[Pair 4,5]	10.9
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	31.1



61.0 m

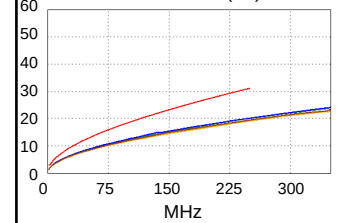


Wire Map (T568B)

PASS

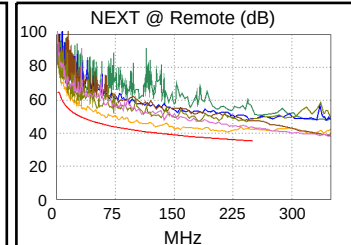
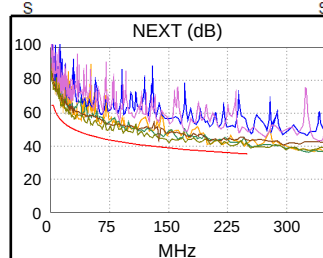


Insertion Loss (dB)

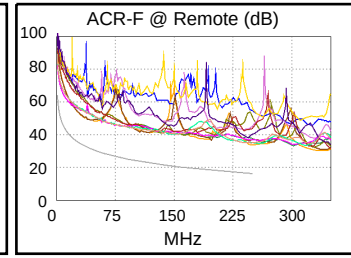
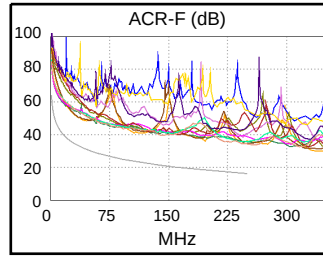


Worst Case Margin Worst Case Value

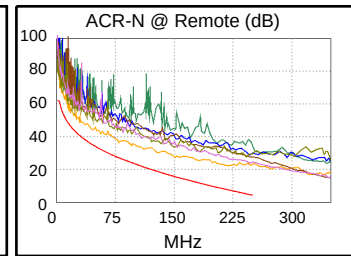
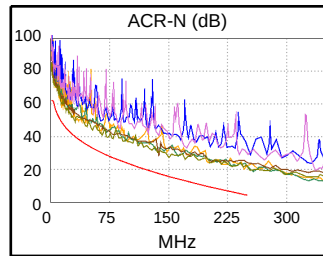
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	3,6-7,8	1,2-3,6
NEXT (dB)	3.3	3.5	3.8	4.3
Freq. (MHz)	150.5	126.0	229.0	220.0
Limit (dB)	38.9	40.2	36.0	36.2
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	2.9	5.0	3.9	6.1
Freq. (MHz)	204.5	127.5	246.5	220.0
Limit (dB)	34.2	37.6	32.8	33.6



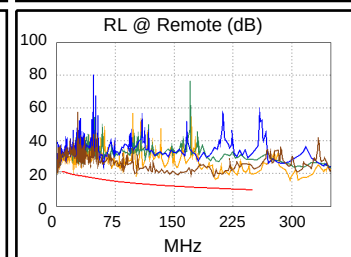
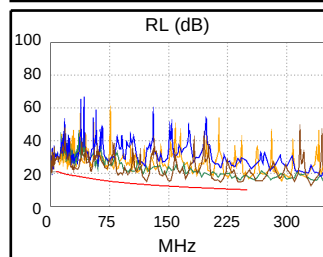
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-1,2	1,2-3,6
ACR-F (dB)	16.6	16.8	18.2	17.4
Freq. (MHz)	39.5	39.8	250.0	250.0
Limit (dB)	32.3	32.2	16.2	16.2
Worst Pair	4,5	4,5	4,5	3,6
PS ACR-F (dB)	17.7	17.1	18.4	18.8
Freq. (MHz)	84.5	136.5	249.5	246.0
Limit (dB)	22.7	18.5	13.2	13.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	1,2-3,6	1,2-3,6
ACR-N (dB)	9.2	8.2	15.6	14.6
Freq. (MHz)	29.8	15.8	246.0	220.0
Limit (dB)	40.6	47.7	4.6	7.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	9.2	9.5	14.9	18.7
Freq. (MHz)	30.8	17.9	246.5	248.5
Limit (dB)	37.8	44.0	2.0	1.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	1,2
RL (dB)	1.9	3.9	4.2	5.5
Freq. (MHz)	122.5	21.3	239.5	202.5
Limit (dB)	13.1	19.4	10.2	10.9



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

LinkWare™ PC Version 11.1

Project: PRIMARIA STIENTA "AM..."

Site: Not Set

Floor: Not Set

Rack: Not Set

2022-08-12 Scuole Stienta.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks



Cable ID: A.P-5

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.6

Date / Time: 06/11/2022 15:20:53

Operator: SALADINO

Headroom 0.4 dB (NEXT 3,6-7,8)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 21470462

Software Version: V6.7 Build 1

Calibration Date: 05/10/2022

Adapter: DSX-5000 (DSX-PLA004)

S/N: 22152186

Test Summary: PASS

Remote: Versiv

S/N: 21470244

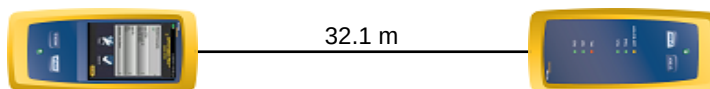
Software Version: V6.7 Build 1

Calibration Date: 05/10/2022

Adapter: DSX-5000R (DSX-PLA004)

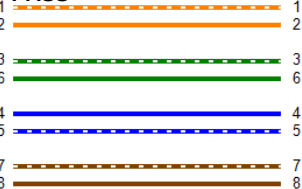
S/N: 22152202

Length (m), Limit 90.0	[Pair 1,2]	32.1
Prop. Delay (ns), Limit 498	[Pair 4,5]	164
Delay Skew (ns), Limit 44	[Pair 4,5]	9
Resistance (ohms)	[Pair 4,5]	6.18
Insertion Loss Margin (dB)	[Pair 4,5]	20.3
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	31.1

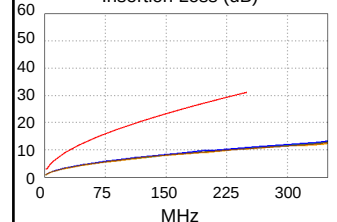


Wire Map (T568B)

PASS

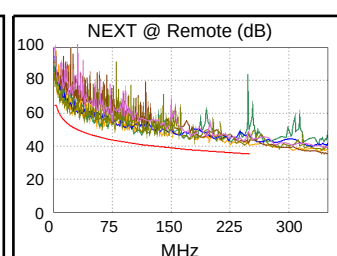
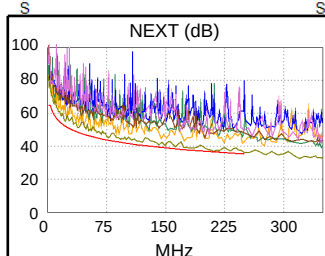


Insertion Loss (dB)

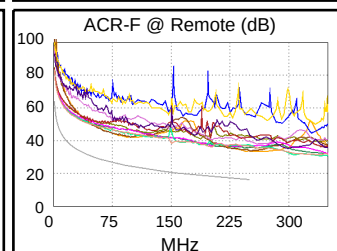
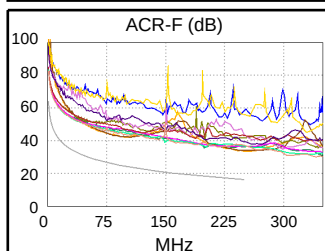


Worst Case Margin Worst Case Value

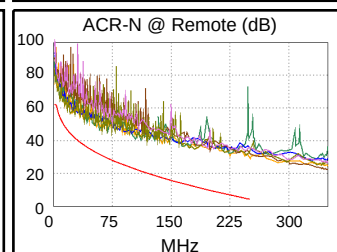
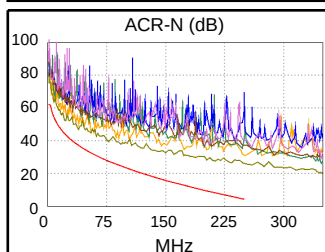
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	3,6-7,8
NEXT (dB)	0.4*	4.2	1.0	4.2
Freq. (MHz)	212.0	234.0	250.0	234.0
Limit (dB)	36.5	35.8	35.3	35.8
Worst Pair	3,6	1,2	3,6	3,6
PS NEXT (dB)	2.3	3.5	2.3	3.6
Freq. (MHz)	250.0	225.0	250.0	234.0
Limit (dB)	32.7	33.5	32.7	33.2



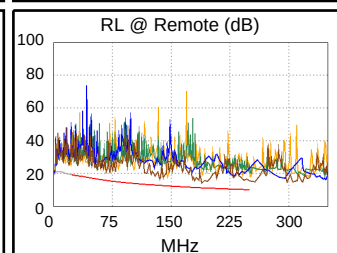
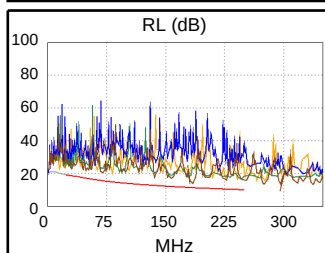
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	17.1	17.1	17.2	17.1
Freq. (MHz)	199.5	244.5	248.5	244.5
Limit (dB)	18.2	16.4	16.3	16.4
Worst Pair	4,5	4,5	1,2	1,2
PS ACR-F (dB)	17.8	17.9	18.7	18.9
Freq. (MHz)	1.1	200.5	249.5	250.0
Limit (dB)	60.2	15.1	13.2	13.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	3,6-7,8
ACR-N (dB)	8.1	10.7	21.6	24.0
Freq. (MHz)	22.3	8.1	250.0	234.0
Limit (dB)	44.0	54.3	4.2	5.9
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	8.8	9.9	22.8	24.3
Freq. (MHz)	7.8	8.0	250.0	244.5
Limit (dB)	52.4	52.1	1.6	2.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	2.5	2.6	2.5	2.6
Freq. (MHz)	184.5	184.5	184.5	184.5
Limit (dB)	11.3	11.3	11.3	11.3



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

* Measurement is within the accuracy limits of the instrument.

LinkWare™ PC Version 11.1

Project: PRIMARIA STIENTA "AM..."

Site: Not Set

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2022-08-12 Scuole Stienta.flw

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