

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
1A.RO1.12:01	PASS	TIA Cat 6A Perm. Link	136 ft	3.8 dB (NEXT)	06/29/2022 12:08 PM
1A.RO1.12:02	PASS	TIA Cat 6A Perm. Link	136 ft	1.5 dB (NEXT)	06/29/2022 12:10 PM

Total Length:	272 ft
Number of Reports:	2
Number of Passing Reports:	2
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



Cable ID: 1A.R01.12:01

Test Limit: TIA Cat 6A Perm. Link
Limits Version: V7.6
Date / Time: 06/29/2022 12:08:45 PM
Operator: BILLY MOORE
Headroom 3.8 dB (NEXT 1,2-7,8)
Cable Type: GenSpeed 10 MTP CMP
NVP: 67.0%

Main: Versiv
S/N: 3491268
Software Version: V6.6 Build 2
Calibration Date: 07/26/2021
Adapter: DSX-5000 (DSX-PLA004)
S/N: 4644128

Test Summary: PASS

Remote: Versiv
S/N: 3518227
Software Version: V6.6 Build 2
Calibration Date: 07/26/2021
Adapter: DSX-5000R (DSX-PLA004)
S/N: 4644127

Length (ft), Limit 295	[Pair 1,2]	136
Prop. Delay (ns), Limit 498	[Pair 4,5]	226
Delay Skew (ns), Limit 44	[Pair 4,5]	19
Resistance (ohms)	[Pair 4,5]	7.08
Insertion Loss Margin (dB)	[Pair 3,6]	22.9
Frequency (MHz)	[Pair 3,6]	500.0
Limit (dB)	[Pair 3,6]	43.8

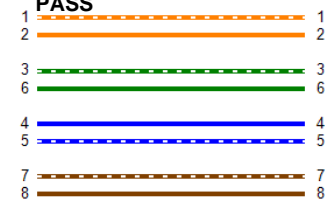


136 ft

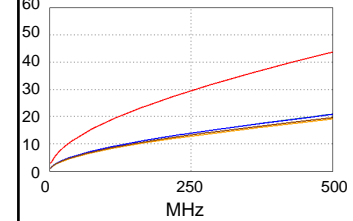


Wire Map (T568B)

PASS

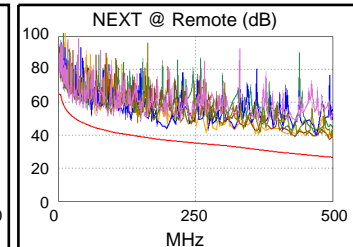
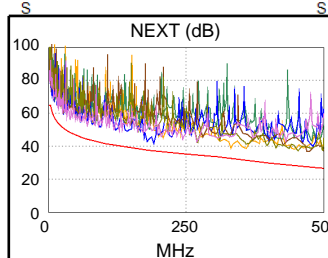


Insertion Loss (dB)

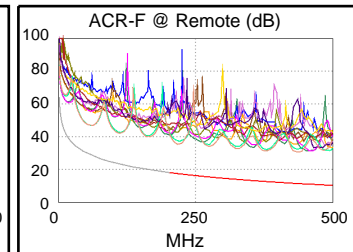
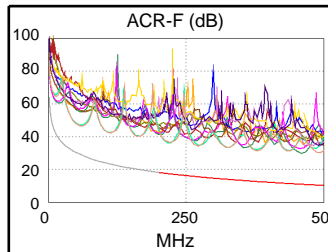


Worst Case Margin Worst Case Value

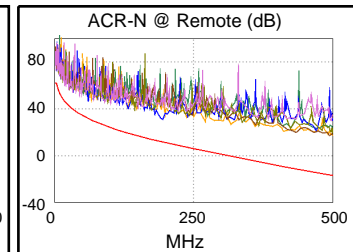
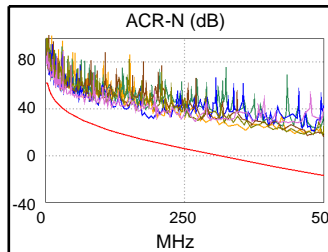
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	3,6-7,8	3,6-4,5
NEXT (dB)	3.8	5.1	9.6	10.8
Freq. (MHz)	180.0	191.5	480.0	494.0
Limit (dB)	37.7	37.2	27.2	26.8
Worst Pair	1,2	1,2	3,6	3,6
PS NEXT (dB)	5.7	7.1	9.2	10.3
Freq. (MHz)	180.0	191.5	480.0	500.0
Limit (dB)	35.1	34.6	24.4	23.8



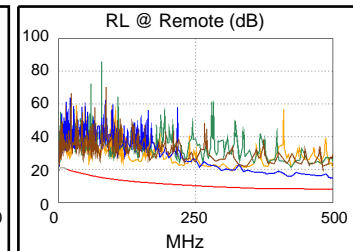
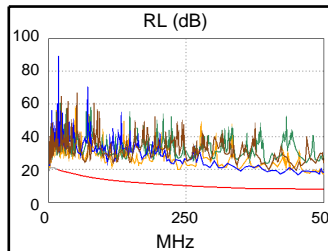
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-4,5	7,8-4,5	1,2-4,5	7,8-4,5
ACR-F (dB)	17.5	17.7	18.8	19.0
Freq. (MHz)	53.3	53.3	461.0	439.0
Limit (dB)	29.7	29.7	10.9	11.3
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	18.4	17.6	21.1	20.2
Freq. (MHz)	2.4	1.6	464.0	440.0
Limit (dB)	53.7	57.0	7.9	8.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	3,6-4,5	3,6-4,5
ACR-N (dB)	12.0	11.0	33.8	33.6
Freq. (MHz)	3.6	3.5	499.0	494.0
Limit (dB)	61.4	61.7	-17.0	-16.6
Worst Pair	1,2	4,5	3,6	3,6
PS ACR-N (dB)	12.9	13.1	32.7	33.2
Freq. (MHz)	6.0	4.4	498.0	500.0
Limit (dB)	54.7	57.5	-19.8	-20.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	4,5	4,5	4,5
RL (dB)	6.9	6.6	8.6	6.6
Freq. (MHz)	117.5	496.0	420.0	496.0
Limit (dB)	13.3	8.0	8.0	8.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	



Cable ID: 1A.RO1.12:02

Test Limit: TIA Cat 6A Perm. Link
Limits Version: V7.6
Date / Time: 06/29/2022 12:10:22 PM
Operator: BILLY MOORE
Headroom 1.5 dB (NEXT 3,6-4,5)
Cable Type: GenSpeed 10 MTP CMP
NVP: 67.0%

Main: Versiv
S/N: 3491268
Software Version: V6.6 Build 2
Calibration Date: 07/26/2021
Adapter: DSX-5000 (DSX-PLA004)
S/N: 4644128

Test Summary: PASS

Remote: Versiv
S/N: 3518227
Software Version: V6.6 Build 2
Calibration Date: 07/26/2021
Adapter: DSX-5000R (DSX-PLA004)
S/N: 4644127

Length (ft), Limit 295	[Pair 1,2]	136
Prop. Delay (ns), Limit 498	[Pair 4,5]	225
Delay Skew (ns), Limit 44	[Pair 4,5]	18
Resistance (ohms)	[Pair 4,5]	6.97
Insertion Loss Margin (dB)	[Pair 4,5]	23.4
Frequency (MHz)	[Pair 4,5]	500.0
Limit (dB)	[Pair 4,5]	43.8



136 ft

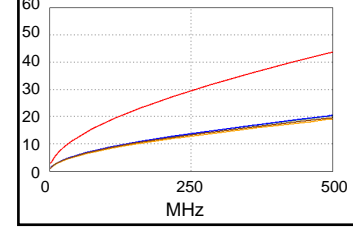


Wire Map (T568B)

PASS

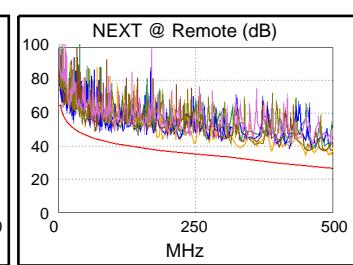
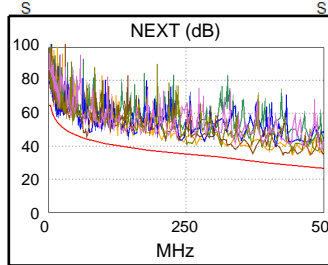


Insertion Loss (dB)

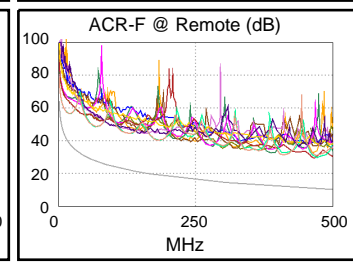
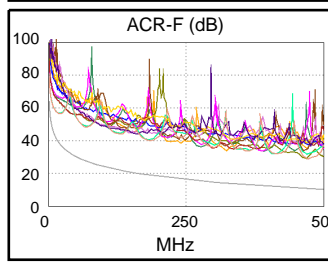


Worst Case Margin Worst Case Value

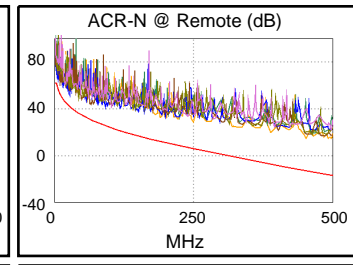
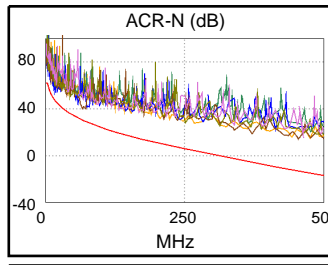
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	1,2-3,6
NEXT (dB)	1.5	4.4	5.2	5.6
Freq. (MHz)	69.0	68.8	454.0	452.0
Limit (dB)	44.4	44.5	28.0	28.1
Worst Pair	4,5	4,5	3,6	3,6
PS NEXT (dB)	3.6	6.0	7.5	6.4
Freq. (MHz)	69.0	66.0	500.0	453.0
Limit (dB)	41.9	42.3	23.8	25.2



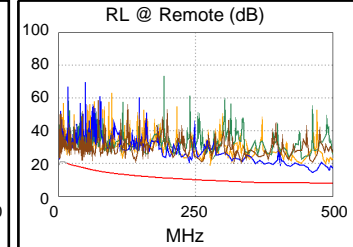
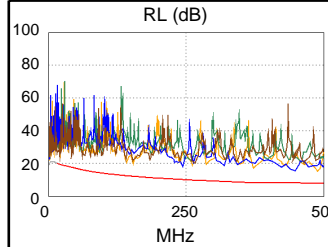
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-4,5	4,5-7,8	7,8-4,5	4,5-3,6
ACR-F (dB)	14.5	14.5	18.0	18.4
Freq. (MHz)	4.8	4.8	470.0	467.0
Limit (dB)	50.7	50.7	10.7	10.8
Worst Pair	4,5	4,5	4,5	3,6
PS ACR-F (dB)	16.1	16.2	18.2	19.8
Freq. (MHz)	1.5	1.5	468.0	463.0
Limit (dB)	57.7	57.7	7.8	7.9



N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	3,6-4,5	1,2-3,6
ACR-N (dB)	7.4	7.5	27.3	27.8
Freq. (MHz)	15.1	3.6	454.0	453.0
Limit (dB)	48.2	61.4	-13.3	-13.2
Worst Pair	7,8	1,2	3,6	3,6
PS ACR-N (dB)	9.0	9.5	31.0	31.9
Freq. (MHz)	15.1	3.8	500.0	497.0
Limit (dB)	45.8	58.6	-20.0	-19.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	1,2	4,5
RL (dB)	5.1	6.1	7.2	6.5
Freq. (MHz)	20.4	20.0	488.0	463.0
Limit (dB)	19.5	19.5	8.0	8.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	