

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
1A.RO1.10:13	PASS	TIA Cat 6A Perm. Link	157 ft	5.7 dB (NEXT)	12/02/2022 03:30 PM
1A.RO1.10:14	PASS	TIA Cat 6A Perm. Link	156 ft	5.1 dB (NEXT)	12/02/2022 03:31 PM

Total Length:	313 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.RO1.10:13

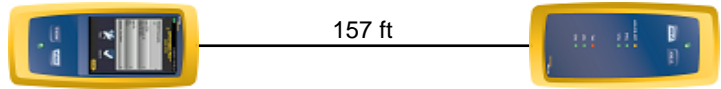
**Test Limit: TIA Cat 6A Perm. Link**  
Limits Version: V7.6  
Date / Time: 12/02/2022 03:30:10 PM  
Operator: BILLY MOORE  
**Headroom 5.7 dB (NEXT 1,2-7,8)**  
Cable Type: GenSpeed 10 MTP CMP  
NVP: 67.0%

Main: Versiv  
S/N: 3518227  
Software Version: V6.7 Build 1  
Calibration Date: 07/23/2022  
Adapter: DSX-5000 (DSX-PLA004)  
S/N: 4644128

## 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: 4644127

Length (ft), Limit 295	[Pair 1,2]	157
Prop. Delay (ns), Limit 498	[Pair 4,5]	258
Delay Skew (ns), Limit 44	[Pair 4,5]	20
Resistance (ohms)	[Pair 4,5]	8.21
Insertion Loss Margin (dB)	[Pair 4,5]	19.4
Frequency (MHz)	[Pair 4,5]	500.0
Limit (dB)	[Pair 4,5]	43.8

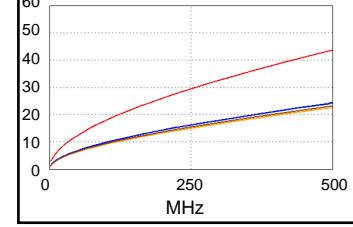


Wire Map (T568B)

**PASS**

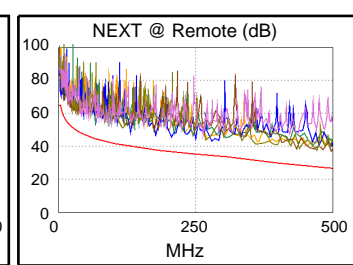
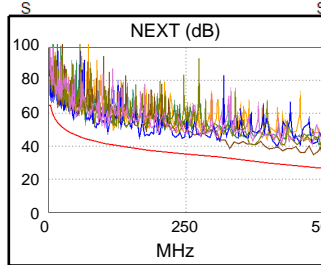


Insertion Loss (dB)

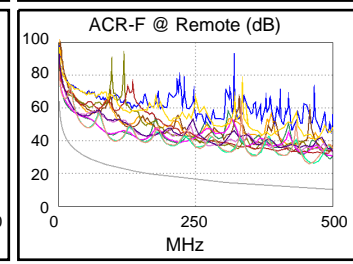
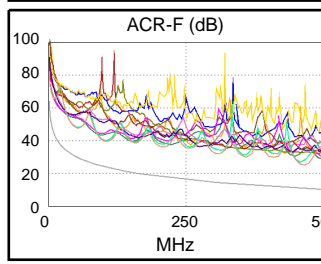


Worst Case Margin Worst Case Value

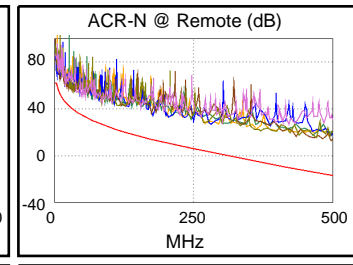
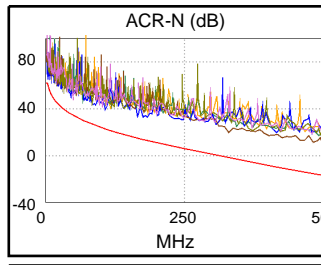
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	3,6-4,5	3,6-4,5
<b>NEXT (dB)</b>	5.7	8.4	7.2	9.0
Freq. (MHz)	176.5	280.0	483.0	480.0
Limit (dB)	37.8	34.5	27.1	27.2
Worst Pair	7,8	1,2	4,5	3,6
<b>PS NEXT (dB)</b>	7.9	8.5	9.0	9.4
Freq. (MHz)	176.5	280.0	483.0	461.0
Limit (dB)	35.2	31.9	24.3	25.0



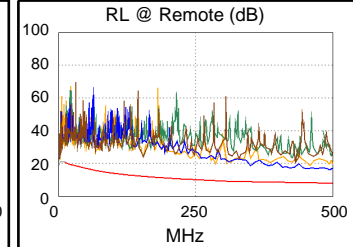
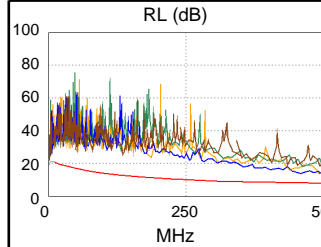
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	7,8-4,5	7,8-4,5	7,8-4,5	7,8-4,5
<b>ACR-F (dB)</b>	14.3	14.8	14.4	14.8
Freq. (MHz)	464.0	457.0	466.0	457.0
Limit (dB)	10.9	11.0	10.8	11.0
Worst Pair	4,5	4,5	4,5	4,5
<b>PS ACR-F (dB)</b>	16.1	16.9	16.1	16.9
Freq. (MHz)	463.0	455.0	463.0	455.0
Limit (dB)	7.9	8.0	7.9	8.0



<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	3,6-4,5	3,6-4,5
<b>ACR-N (dB)</b>	7.8	10.2	27.3	28.1
Freq. (MHz)	3.1	3.1	500.0	480.0
Limit (dB)	61.8	61.8	-17.1	-15.5
Worst Pair	1,2	7,8	4,5	3,6
<b>PS ACR-N (dB)</b>	10.0	11.1	29.1	30.4
Freq. (MHz)	3.1	5.3	500.0	497.0
Limit (dB)	58.8	55.9	-20.0	-19.7



<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2	4,5	1,2	4,5
<b>RL (dB)</b>	5.5	8.1	5.5	8.1
Freq. (MHz)	499.0	495.0	499.0	495.0
Limit (dB)	8.0	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.RO1.10:14

**Test Limit: TIA Cat 6A Perm. Link**  
Limits Version: V7.6  
Date / Time: 12/02/2022 03:31:53 PM  
Operator: BILLY MOORE  
**Headroom 5.1 dB (NEXT 1,2-3,6)**  
Cable Type: GenSpeed 10 MTP CMP  
NVP: 67.0%

Main: Versiv  
S/N: 3518227  
Software Version: V6.7 Build 1  
Calibration Date: 07/23/2022  
Adapter: DSX-5000 (DSX-PLA004)  
S/N: 4644128

## 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: 4644127

Length (ft), Limit 295	[Pair 1,2]	156
Prop. Delay (ns), Limit 498	[Pair 4,5]	256
Delay Skew (ns), Limit 44	[Pair 4,5]	20
Resistance (ohms)	[Pair 4,5]	8.07
Insertion Loss Margin (dB)	[Pair 4,5]	19.8
Frequency (MHz)	[Pair 4,5]	500.0
Limit (dB)	[Pair 4,5]	43.8

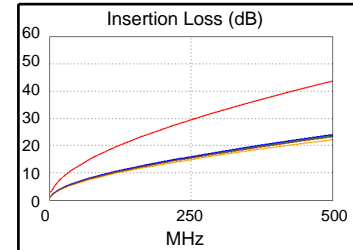


156 ft



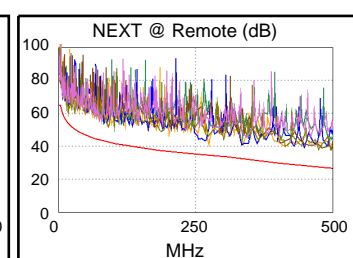
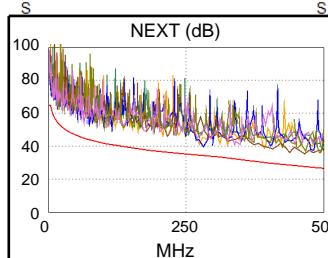
Wire Map (T568B)

**PASS**

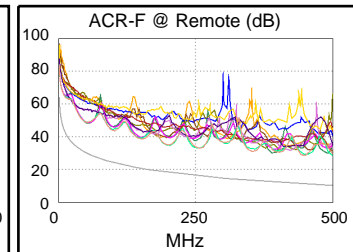
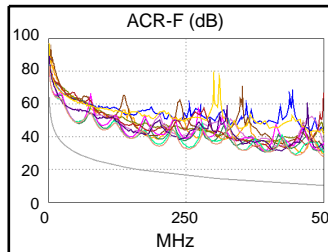


Worst Case Margin Worst Case Value

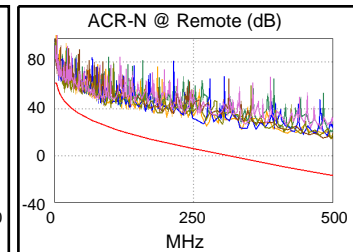
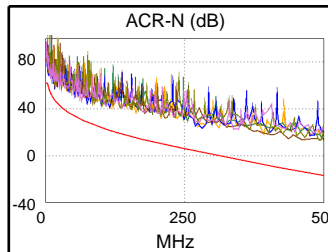
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-4,5	3,6-7,8
<b>NEXT (dB)</b>	5.1	6.2	7.7	11.0
Freq. (MHz)	275.0	274.0	465.0	497.0
Limit (dB)	34.7	34.7	27.7	26.7
Worst Pair	1,2	3,6	3,6	3,6
<b>PS NEXT (dB)</b>	5.5	7.5	8.9	9.7
Freq. (MHz)	275.0	17.4	493.0	497.0
Limit (dB)	32.0	51.7	24.0	23.8



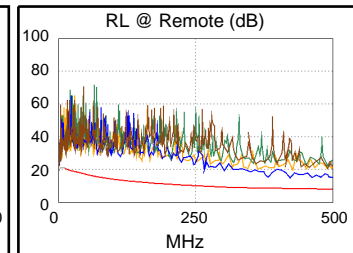
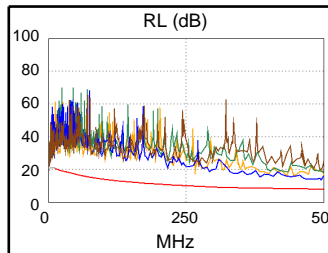
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	7,8-4,5	4,5-7,8	7,8-4,5	7,8-4,5
<b>ACR-F (dB)</b>	16.1	16.5	17.7	17.3
Freq. (MHz)	202.5	198.0	500.0	449.0
Limit (dB)	18.1	18.3	10.2	11.1
Worst Pair	4,5	4,5	4,5	4,5
<b>PS ACR-F (dB)</b>	17.5	17.4	19.6	17.4
Freq. (MHz)	202.0	399.0	499.0	399.0
Limit (dB)	15.1	9.2	7.2	9.2



<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	3,6-7,8	3,6-4,5	3,6-7,8
<b>ACR-N (dB)</b>	10.3	10.0	26.8	31.4
Freq. (MHz)	5.1	17.4	465.0	497.0
Limit (dB)	58.4	46.8	-14.2	-16.9
Worst Pair	1,2	3,6	3,6	3,6
<b>PS ACR-N (dB)</b>	10.9	11.0	29.0	29.7
Freq. (MHz)	5.1	17.5	494.0	497.0
Limit (dB)	56.1	44.3	-19.5	-19.7



<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	4,5
<b>RL (dB)</b>	5.6	6.4	5.6	6.4
Freq. (MHz)	485.0	418.0	485.0	418.0
Limit (dB)	8.0	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	