

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
1A.RO1.16:01	PASS	TIA Cat 6A Perm. Link	143 ft	7.9 dB (NEXT)	08/04/2022 03:06 PM
1A.RO1.16:02	PASS	TIA Cat 6A Perm. Link	142 ft	5.2 dB (NEXT)	08/04/2022 03:07 PM

Total Length:	285 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.RO1.16:01

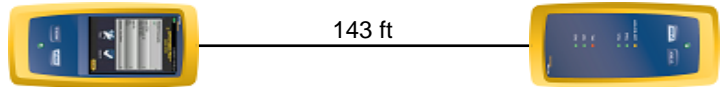
**Test Limit: TIA Cat 6A Perm. Link**  
Limits Version: V7.6  
Date / Time: 08/04/2022 03:06:59 PM  
Operator: BILLY MOORE  
**Headroom 7.9 dB (NEXT 1,2-7,8)**  
Cable Type: GenSpeed 10 MTP CMP  
NVP: 67.0%

Main: Versiv  
S/N: 19140167  
Software Version: V6.7 Build 1  
Calibration Date: 07/01/2022  
Adapter: DSX-5000 (DSX-PLA004)  
S/N: 4537098

## Test Summary: PASS

Remote: Versiv  
S/N: 19140163  
Software Version: V6.7 Build 1  
Calibration Date: 07/01/2022  
Adapter: DSX-5000R (DSX-PLA004)  
S/N: 4537097

Length (ft), Limit 295	[Pair 1,2]	143
Prop. Delay (ns), Limit 498	[Pair 4,5]	236
Delay Skew (ns), Limit 44	[Pair 4,5]	19
Resistance (ohms)	[Pair 4,5]	7.40
Insertion Loss Margin (dB)	[Pair 4,5]	18.3
Frequency (MHz)	[Pair 4,5]	500.0
Limit (dB)	[Pair 4,5]	43.8

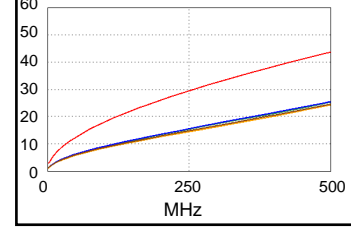


Wire Map (T568B)

**PASS**

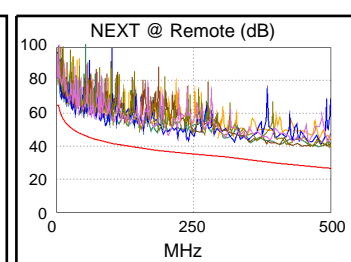
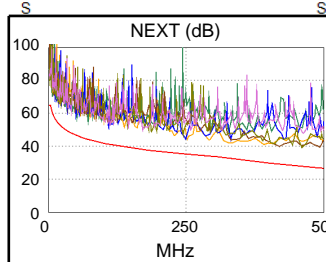


Insertion Loss (dB)

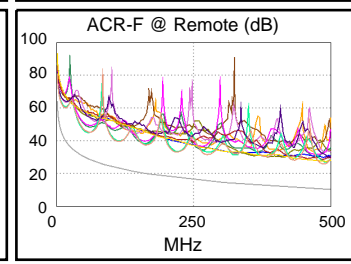
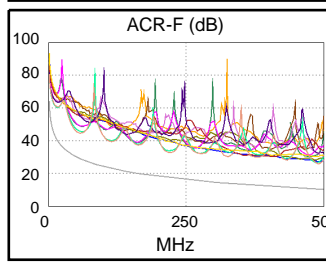


Worst Case Margin Worst Case Value

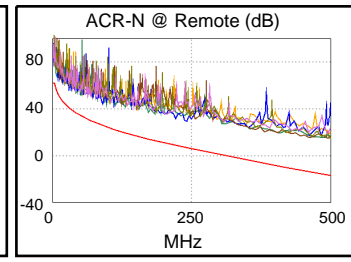
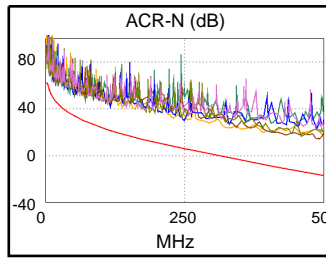
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-7,8	3,6-4,5	1,2-4,5
<b>NEXT (dB)</b>	8.2	7.9	12.0	11.9
Freq. (MHz)	348.0	240.5	487.0	478.0
Limit (dB)	31.9	35.6	27.0	27.3
Worst Pair	1,2	1,2	3,6	4,5
<b>PS NEXT (dB)</b>	9.2	9.7	11.0	11.2
Freq. (MHz)	251.0	240.5	460.0	461.0
Limit (dB)	32.7	33.0	25.0	25.0



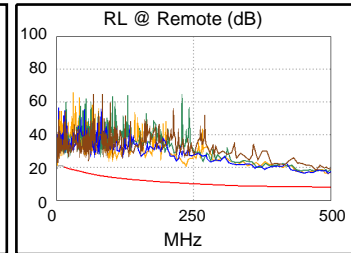
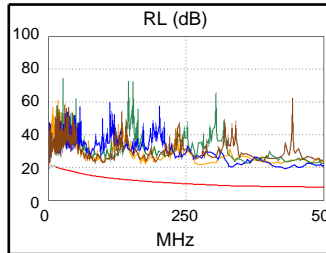
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	7,8-4,5	7,8-4,5	7,8-4,5	7,8-4,5
<b>ACR-F (dB)</b>	15.2	15.1	15.5	15.2
Freq. (MHz)	218.5	486.0	490.0	489.0
Limit (dB)	17.4	10.5	10.4	10.4
Worst Pair	7,8	7,8	7,8	7,8
<b>PS ACR-F (dB)</b>	15.8	16.9	15.8	16.9
Freq. (MHz)	490.0	489.0	490.0	489.0
Limit (dB)	7.4	7.4	7.4	7.4



<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	3,6-4,5	1,2-4,5
<b>ACR-N (dB)</b>	12.5	12.2	30.1	29.9
Freq. (MHz)	7.1	7.5	487.0	478.0
Limit (dB)	55.5	55.0	-16.1	-15.3
Worst Pair	1,2	1,2	3,6	3,6
<b>PS ACR-N (dB)</b>	13.3	13.3	29.2	30.9
Freq. (MHz)	6.9	7.5	460.0	497.0
Limit (dB)	53.5	52.7	-16.7	-19.7



<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	1,2
<b>RL (dB)</b>	8.4	8.1	10.8	8.1
Freq. (MHz)	84.8	495.0	433.0	495.0
Limit (dB)	14.7	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.RO1.16:02

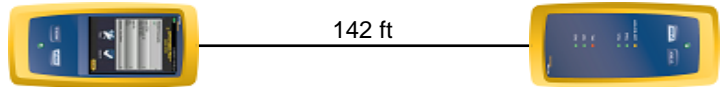
**Test Limit: TIA Cat 6A Perm. Link**  
Limits Version: V7.6  
Date / Time: 08/04/2022 03:07:34 PM  
Operator: BILLY MOORE  
**Headroom 5.2 dB (NEXT 1,2-7,8)**  
Cable Type: GenSpeed 10 MTP CMP  
NVP: 67.0%

Main: Versiv  
S/N: 19140167  
Software Version: V6.7 Build 1  
Calibration Date: 07/01/2022  
Adapter: DSX-5000 (DSX-PLA004)  
S/N: 4537098

## Test Summary: PASS

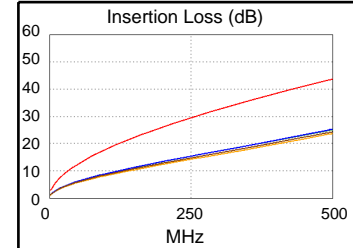
Remote: Versiv  
S/N: 19140163  
Software Version: V6.7 Build 1  
Calibration Date: 07/01/2022  
Adapter: DSX-5000R (DSX-PLA004)  
S/N: 4537097

Length (ft), Limit 295	[Pair 1,2]	142
Prop. Delay (ns), Limit 498	[Pair 4,5]	236
Delay Skew (ns), Limit 44	[Pair 4,5]	21
Resistance (ohms)	[Pair 4,5]	7.47
Insertion Loss Margin (dB)	[Pair 4,5]	18.6
Frequency (MHz)	[Pair 4,5]	500.0
Limit (dB)	[Pair 4,5]	43.8



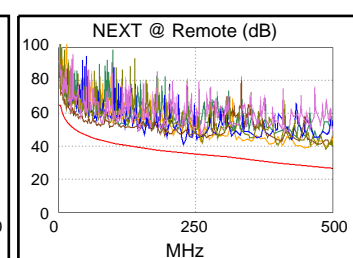
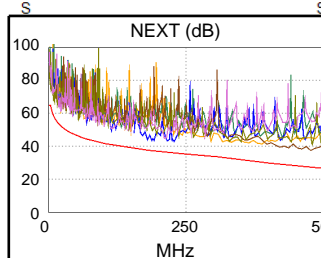
Wire Map (T568B)

**PASS**

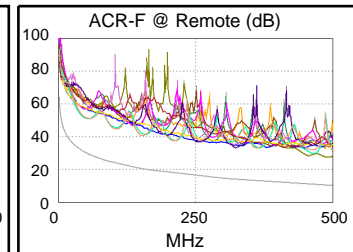
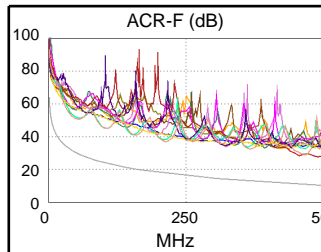


Worst Case Margin Worst Case Value

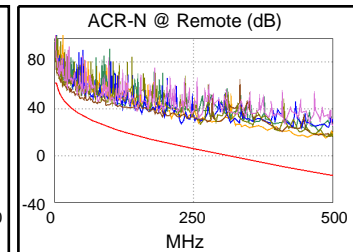
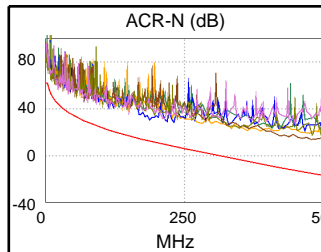
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	3,6-4,5	3,6-7,8
<b>NEXT (dB)</b>	5.4	5.2	10.1	11.3
Freq. (MHz)	186.5	230.0	476.0	488.0
Limit (dB)	37.4	35.9	27.4	27.0
Worst Pair	7,8	3,6	3,6	3,6
<b>PS NEXT (dB)</b>	6.7	6.6	11.5	11.0
Freq. (MHz)	180.5	262.0	478.0	487.0
Limit (dB)	35.1	32.4	24.4	24.2



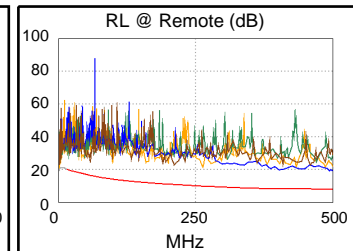
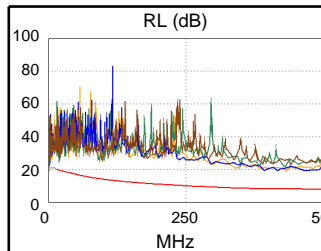
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	4,5-3,6	3,6-4,5
<b>ACR-F (dB)</b>	17.2	17.0	17.2	17.0
Freq. (MHz)	490.0	490.0	490.0	490.0
Limit (dB)	10.4	10.4	10.4	10.4
Worst Pair	3,6	4,5	3,6	4,5
<b>PS ACR-F (dB)</b>	18.4	18.3	18.5	18.8
Freq. (MHz)	492.0	458.0	493.0	500.0
Limit (dB)	7.4	8.0	7.3	7.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-4,5	3,6-4,5	3,6-7,8
<b>ACR-N (dB)</b>	12.4	9.3	28.5	30.5
Freq. (MHz)	4.4	3.8	476.0	488.0
Limit (dB)	59.8	61.1	-15.2	-16.1
Worst Pair	3,6	3,6	3,6	3,6
<b>PS ACR-N (dB)</b>	11.5	10.3	30.0	29.5
Freq. (MHz)	4.4	4.1	479.0	487.0
Limit (dB)	57.5	58.0	-18.3	-18.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	1,2	4,5	4,5
<b>RL (dB)</b>	7.9	9.5	10.9	10.8
Freq. (MHz)	18.4	42.0	411.0	398.0
Limit (dB)	19.7	17.8	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	