

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
009	PASS	TIA Cat 6A Perm. Link	77 ft	4.5 dB (NEXT)	07/12/2022 01:42 PM
010	PASS	TIA Cat 6A Perm. Link	77 ft	5.7 dB (NEXT)	07/12/2022 01:43 PM

Total Length:	154 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: 009

**Test Limit: TIA Cat 6A Perm. Link**  
Limits Version: V7.6  
Date / Time: 07/12/2022 01:42:30 PM  
Operator: ZEKE GOMEZ  
**Headroom 4.5 dB (NEXT 3,6-4,5)**  
Cable Type: Cat 6A U/UTP  
NVP: 68.2%

Main: Versiv  
S/N: 19140163  
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: 19140167  
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]	77
Prop. Delay (ns), Limit 498	[Pair 4,5]	124
Delay Skew (ns), Limit 44	[Pair 4,5]	9
Resistance (ohms)	[Pair 4,5]	4.12
Insertion Loss Margin (dB)	[Pair 4,5]	28.1
Frequency (MHz)	[Pair 4,5]	500.0
Limit (dB)	[Pair 4,5]	43.8



77 ft

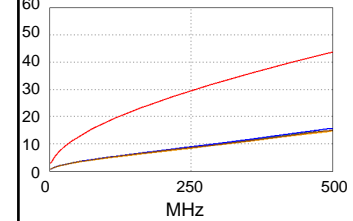


Wire Map (T568B)

**PASS**

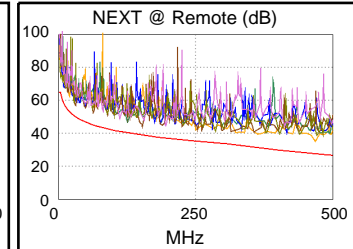
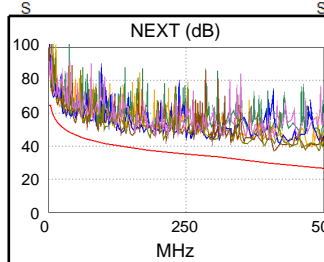


Insertion Loss (dB)

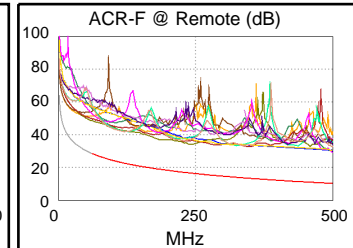
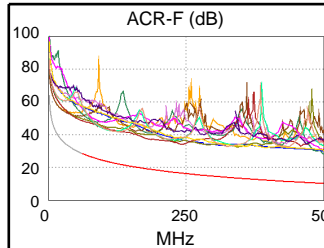


Worst Case Margin Worst Case Value

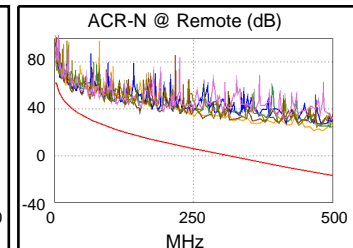
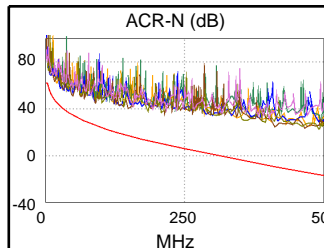
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-7,8	1,2-3,6
<b>NEXT (dB)</b>	6.5	4.5	9.6	7.2
Freq. (MHz)	214.5	153.5	488.0	469.0
Limit (dB)	36.4	38.8	27.0	27.6
Worst Pair	3,6	3,6	3,6	3,6
<b>PS NEXT (dB)</b>	7.3	4.9	10.6	8.6
Freq. (MHz)	89.5	265.0	488.0	470.0
Limit (dB)	40.1	32.3	24.1	24.7



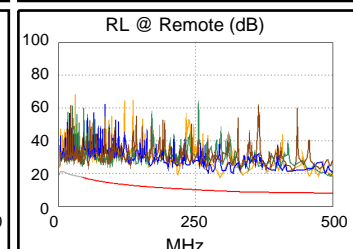
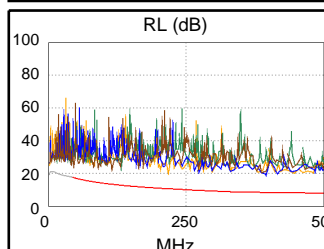
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-4,5	4,5-1,2
<b>ACR-F (dB)</b>	16.8	16.8	17.9	18.9
Freq. (MHz)	5.8	6.3	500.0	500.0
Limit (dB)	49.0	48.3	10.2	10.2
Worst Pair	3,6	3,6	4,5	1,2
<b>PS ACR-F (dB)</b>	16.9	16.8	19.4	18.8
Freq. (MHz)	1.3	1.3	500.0	500.0
Limit (dB)	59.3	59.3	7.2	7.2



<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	1,2-3,6
<b>ACR-N (dB)</b>	13.8	12.5	38.0	34.6
Freq. (MHz)	4.4	3.8	488.0	469.0
Limit (dB)	59.8	61.1	-16.1	-14.6
Worst Pair	3,6	3,6	3,6	3,6
<b>PS ACR-N (dB)</b>	15.0	14.0	38.4	36.0
Freq. (MHz)	5.1	3.9	488.0	470.0
Limit (dB)	56.1	58.5	-19.0	-17.5



<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	1,2
<b>RL (dB)</b>	6.5	7.7	10.5	8.2
Freq. (MHz)	46.0	41.0	397.0	294.0
Limit (dB)	17.4	17.9	8.0	9.3



### 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: 010

**Test Limit: TIA Cat 6A Perm. Link**  
Limits Version: V7.6  
Date / Time: 07/12/2022 01:43:43 PM  
Operator: ZEKE GOMEZ  
**Headroom 5.7 dB (NEXT 1,2-7,8)**  
Cable Type: Cat 6A U/UTP  
NVP: 68.2%

Main: Versiv  
S/N: 19140163  
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: 19140167  
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]	77
Prop. Delay (ns), Limit 498	[Pair 4,5]	126
Delay Skew (ns), Limit 44	[Pair 4,5]	11
Resistance (ohms)	[Pair 4,5]	4.15
Insertion Loss Margin (dB)	[Pair 4,5]	28.2
Frequency (MHz)	[Pair 4,5]	500.0
Limit (dB)	[Pair 4,5]	43.8

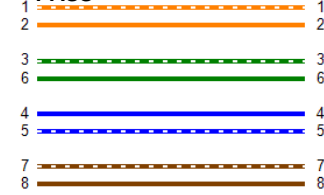


77 ft

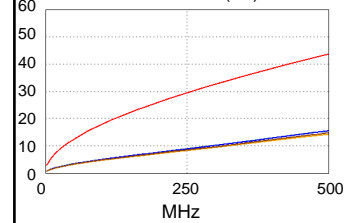


Wire Map (T568B)

**PASS**

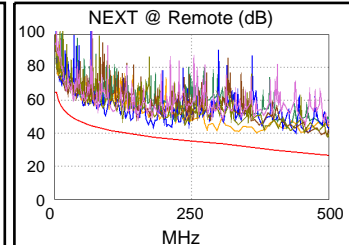
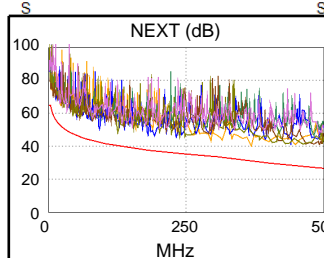


Insertion Loss (dB)

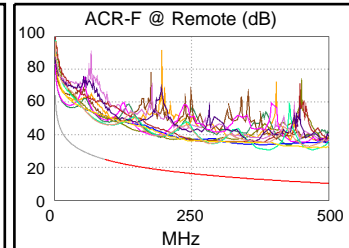
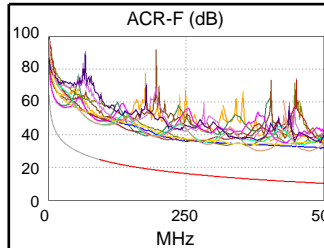


Worst Case Margin Worst Case Value

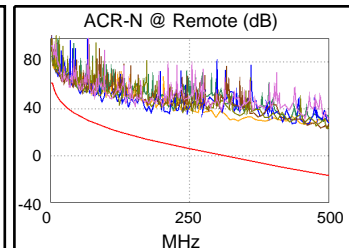
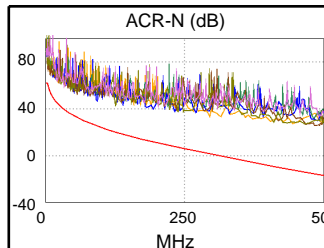
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	1,2-3,6	3,6-7,8
<b>NEXT (dB)</b>	8.2	5.7	9.1	11.1
Freq. (MHz)	92.3	180.5	368.0	498.0
Limit (dB)	42.4	37.7	31.1	26.7
Worst Pair	1,2	7,8	3,6	3,6
<b>PS NEXT (dB)</b>	9.6	6.9	12.8	11.4
Freq. (MHz)	92.3	180.5	472.0	497.0
Limit (dB)	39.9	35.1	24.6	23.8



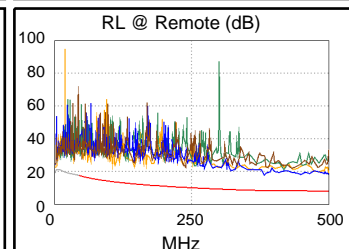
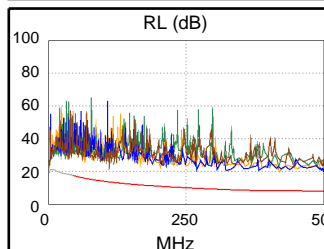
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	7,8-4,5	4,5-7,8	7,8-4,5	4,5-7,8
<b>ACR-F (dB)</b>	17.5	18.1	17.5	18.1
Freq. (MHz)	389.0	388.0	389.0	388.0
Limit (dB)	12.4	12.4	12.4	12.4
Worst Pair	4,5	4,5	4,5	7,8
<b>PS ACR-F (dB)</b>	19.1	18.4	21.1	20.8
Freq. (MHz)	289.0	193.5	476.0	475.0
Limit (dB)	12.0	15.5	7.6	7.7



<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
<b>ACR-N (dB)</b>	13.3	16.5	42.3	38.8
Freq. (MHz)	4.1	4.1	492.0	484.0
Limit (dB)	60.3	60.3	-16.5	-15.8
Worst Pair	3,6	3,6	3,6	3,6
<b>PS ACR-N (dB)</b>	13.2	14.9	40.3	39.5
Freq. (MHz)	4.1	4.3	472.0	497.0
Limit (dB)	58.0	57.7	-17.7	-19.7



<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	4,5
<b>RL (dB)</b>	10.2	9.5	11.7	9.6
Freq. (MHz)	66.0	65.8	419.0	382.0
Limit (dB)	15.8	15.8	8.0	8.2



### 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	