

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
001	PASS	TIA Cat 6 Perm. Link	19.4 m	2.7 dB (NEXT)	06/04/2022 17:15
002	PASS	TIA Cat 6 Perm. Link	12.6 m	3.4 dB (NEXT)	06/04/2022 16:41
003	PASS*	TIA Cat 6 Perm. Link	20.7 m	0.1 dB (NEXT)	06/04/2022 17:00
004	PASS	TIA Cat 6 Perm. Link	20.7 m	2.1 dB (NEXT)	06/04/2022 17:02
005	PASS	TIA Cat 6 Perm. Link	17.0 m	2.2 dB (NEXT)	06/04/2022 17:06
006	PASS	TIA Cat 6 Perm. Link	19.4 m	3.3 dB (NEXT)	06/04/2022 17:15
007	PASS	TIA Cat 6 Perm. Link	12.6 m	3.3 dB (NEXT)	06/04/2022 16:44
008	PASS*	TIA Cat 6 Perm. Link	19.4 m	0.4 dB (NEXT)	06/04/2022 17:12
009	PASS*	TIA Cat 6 Perm. Link	19.4 m	0.4 dB (NEXT)	06/04/2022 17:12
010	PASS*	TIA Cat 6 Perm. Link	18.6 m	1.0 dB (NEXT)	06/04/2022 17:13
011	PASS	TIA Cat 6 Perm. Link	23.2 m	1.8 dB (NEXT)	06/04/2022 17:38
012	PASS	TIA Cat 6 Perm. Link	23.2 m	1.8 dB (NEXT)	06/04/2022 17:38
013	PASS	TIA Cat 6 Perm. Link	23.4 m	3.9 dB (NEXT)	06/04/2022 17:27
014	PASS	TIA Cat 6 Perm. Link	23.2 m	1.9 dB (NEXT)	06/04/2022 17:34
015	PASS	TIA Cat 6 Perm. Link	23.2 m	1.9 dB (NEXT)	06/04/2022 17:34
016	PASS	TIA Cat 6 Perm. Link	25.7 m	2.5 dB (NEXT)	06/04/2022 17:46
017	PASS	TIA Cat 6 Perm. Link	12.6 m	3.3 dB (NEXT)	06/04/2022 16:45
018	PASS	TIA Cat 6 Perm. Link	17.0 m	2.1 dB (NEXT)	06/04/2022 17:06
019	PASS	TIA Cat 6 Perm. Link	23.2 m	1.9 dB (NEXT)	06/04/2022 17:35
020	PASS	TIA Cat 5e Perm. Link	34.8 m	14.6 dB (NEXT)	06/02/2022 17:52
021	PASS	TIA Cat 5e Perm. Link	34.8 m	15.1 dB (NEXT)	06/02/2022 17:36
022	PASS	TIA Cat 6 Perm. Link	30.2 m	3.9 dB (NEXT)	06/04/2022 18:07
023	PASS	TIA Cat 6 Perm. Link	54.4 m	1.9 dB (NEXT)	06/04/2022 18:04
024	PASS	TIA Cat 6 Perm. Link	30.2 m	4.0 dB (NEXT)	06/04/2022 18:07

Total Length:	558.9 m
Number of Reports:	24
Number of Passing Reports:	24
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



**Cable ID: 001**

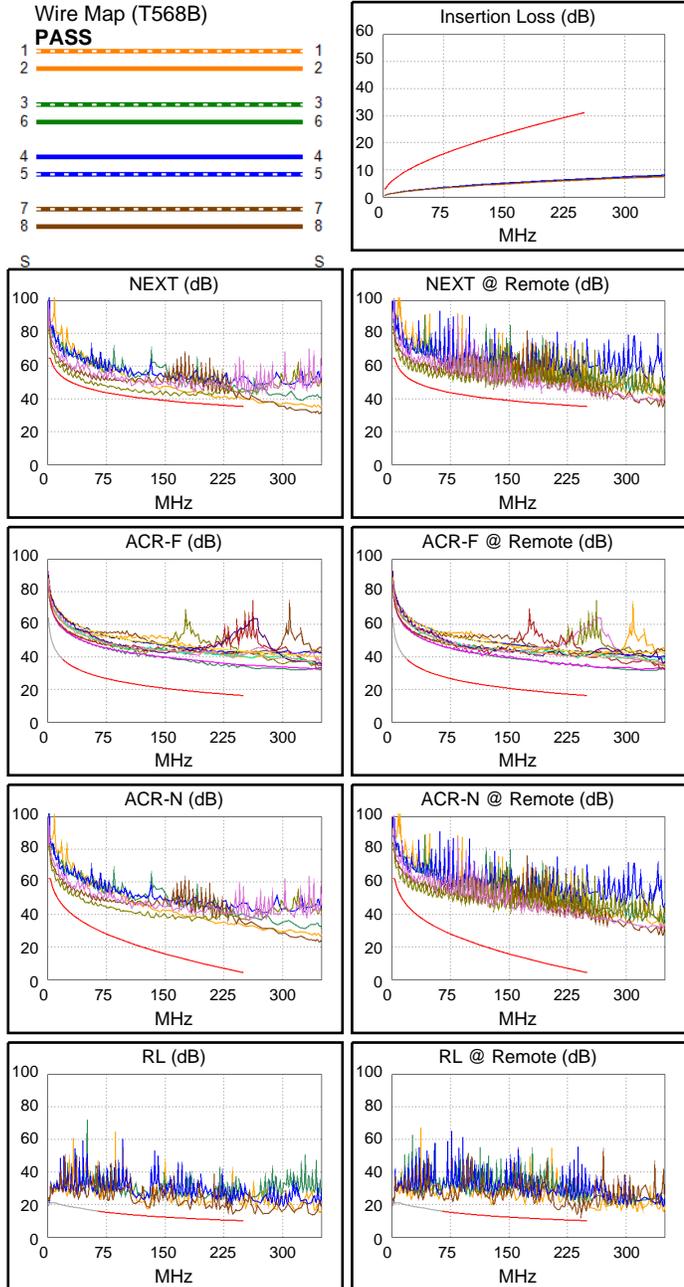
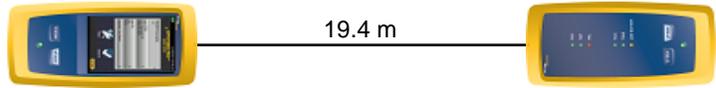
**Test Limit: TIA Cat 6 Perm. Link**  
 Limits Version: V7.6  
 Date / Time: 06/04/2022 17:15:09  
 Operator: SALADINO  
**Headroom 2.7 dB (NEXT 3,6-7,8)**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

Main: Versiv  
 S/N: 21470462  
 Software Version: V6.7 Build 1  
 Calibration Date: 05/10/2022  
 Adapter: DSX-5000 (DSX-PLA004)  
 S/N: 22152202

**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: 22152186

Length (m), Limit 90.0	[Pair 1,2]	19.4
Prop. Delay (ns), Limit 498	[Pair 4,5]	99
Delay Skew (ns), Limit 44	[Pair 4,5]	5
Resistance (ohms)	[Pair 4,5]	4.02
Insertion Loss Margin (dB)	[Pair 4,5]	24.4
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	31.1



**Worst Case Margin Worst Case Value**

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	1,2-3,6	4,5-7,8
<b>NEXT (dB)</b>	2.7	5.7	4.1	7.7
Freq. (MHz)	131.0	21.0	232.0	238.5
Limit (dB)	39.9	52.7	35.9	35.7
Worst Pair	3,6	7,8	3,6	4,5
<b>PS NEXT (dB)</b>	3.6	6.9	4.0	9.2
Freq. (MHz)	215.5	21.0	247.5	250.0
Limit (dB)	33.8	50.3	32.8	32.7

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	4,5-1,2	1,2-4,5	4,5-1,2
<b>ACR-F (dB)</b>	17.0	17.4	17.3	17.7
Freq. (MHz)	226.0	209.5	247.0	247.0
Limit (dB)	17.1	17.8	16.3	16.3
Worst Pair	4,5	4,5	4,5	1,2
<b>PS ACR-F (dB)</b>	17.2	17.5	19.0	19.5
Freq. (MHz)	1.0	1.3	242.0	247.0
Limit (dB)	61.2	59.3	13.5	13.3

<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	1,2-3,6	3,6-4,5
<b>ACR-N (dB)</b>	9.1	10.2	29.2	32.4
Freq. (MHz)	10.4	5.0	249.0	246.0
Limit (dB)	51.9	58.6	4.3	4.6
Worst Pair	3,6	3,6	3,6	4,5
<b>PS ACR-N (dB)</b>	10.1	11.3	28.3	33.6
Freq. (MHz)	10.4	5.0	247.5	250.0
Limit (dB)	49.6	56.3	1.9	1.6

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
<b>RL (dB)</b>	3.9	3.9	3.9	4.0
Freq. (MHz)	237.0	237.0	237.0	237.5
Limit (dB)	10.3	10.3	10.3	10.2

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



**Cable ID: 002**

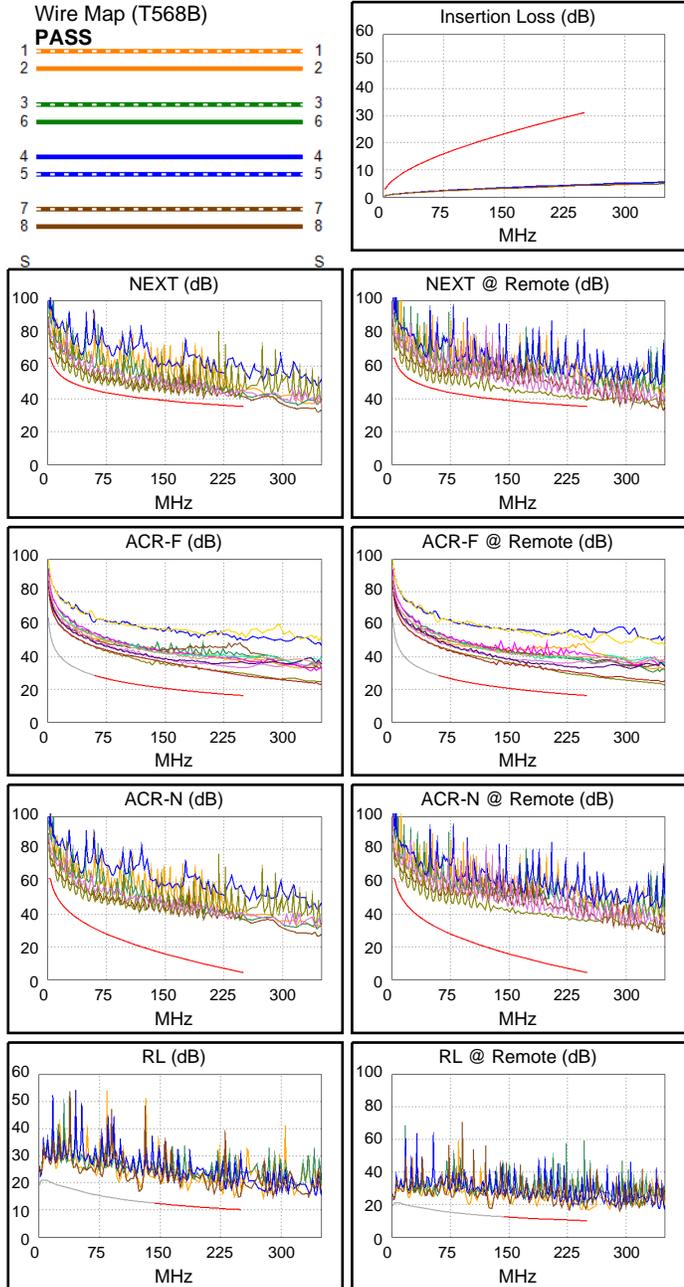
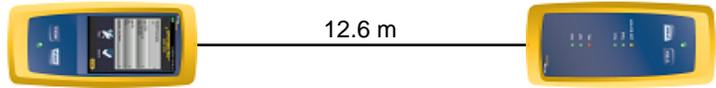
**Test Limit: TIA Cat 6 Perm. Link**  
 Limits Version: V7.6  
 Date / Time: 06/04/2022 16:41:27  
 Operator: SALADINO  
**Headroom 3.4 dB (NEXT 3,6-7,8)**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

Main: Versiv  
 S/N: 21470462  
 Software Version: V6.7 Build 1  
 Calibration Date: 05/10/2022  
 Adapter: DSX-5000 (DSX-PLA004)  
 S/N: 22152202

**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: 22152186

Length (m), Limit 90.0	[Pair 1,2]	12.6
Prop. Delay (ns), Limit 498	[Pair 4,5]	64
Delay Skew (ns), Limit 44	[Pair 3,6]	3
Resistance (ohms)	[Pair 4,5]	2.77
Insertion Loss Margin (dB)	[Pair 3,6]	26.6
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	31.1



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-4,5	3,6-7,8
<b>NEXT (dB)</b>	3.4	3.5	5.3	3.8
Freq. (MHz)	117.0	53.3	250.0	249.5
Limit (dB)	40.7	46.3	35.3	35.4
Worst Pair	3,6	7,8	3,6	7,8
<b>PS NEXT (dB)</b>	4.1	4.7	5.1	4.7
Freq. (MHz)	118.0	238.0	249.0	238.0
Limit (dB)	38.1	33.1	32.7	33.1

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>	12.2	12.3	12.3	12.4
Freq. (MHz)	249.0	249.0	250.0	250.0
Limit (dB)	16.3	16.3	16.2	16.2
Worst Pair	3,6	4,5	3,6	4,5
<b>PS ACR-F (dB)</b>	14.1	14.5	14.2	14.6
Freq. (MHz)	243.5	249.0	250.0	250.0
Limit (dB)	13.5	13.3	13.2	13.2

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-4,5	3,6-7,8
<b>ACR-N (dB)</b>	9.7	9.9	32.0	30.6
Freq. (MHz)	4.0	4.1	250.0	249.5
Limit (dB)	60.6	60.3	4.2	4.3
Worst Pair	3,6	3,6	3,6	4,5
<b>PS ACR-N (dB)</b>	10.6	11.0	31.6	30.8
Freq. (MHz)	4.0	4.5	249.0	238.0
Limit (dB)	58.3	57.3	1.7	2.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
<b>RL (dB)</b>	3.2	3.8	4.0	6.2
Freq. (MHz)	125.5	126.5	248.0	227.5
Limit (dB)	13.0	13.0	10.1	10.4

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



**Cable ID: 003**

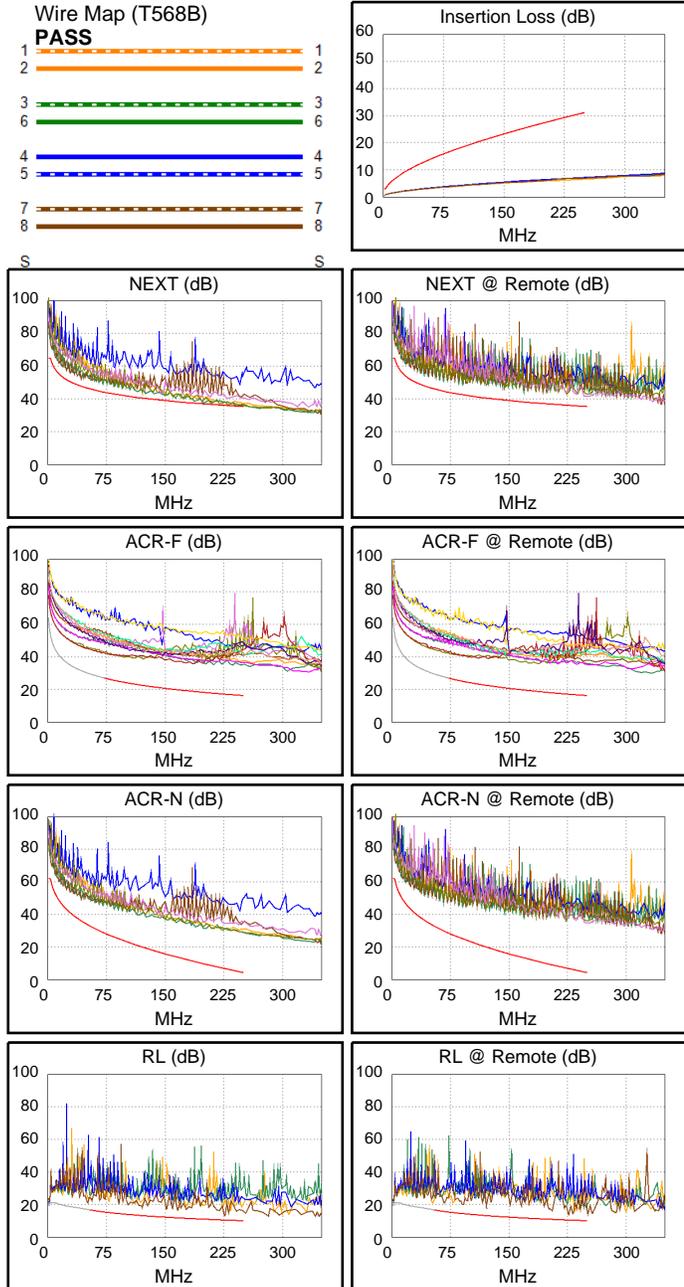
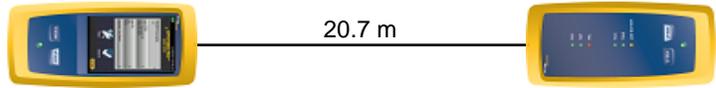
**Test Limit: TIA Cat 6 Perm. Link**  
 Limits Version: V7.6  
 Date / Time: 06/04/2022 17:00:52  
 Operator: SALADINO  
**Headroom 0.1 dB (NEXT 3,6-7,8)**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

Main: Versiv  
 S/N: 21470462  
 Software Version: V6.7 Build 1  
 Calibration Date: 05/10/2022  
 Adapter: DSX-5000 (DSX-PLA004)  
 S/N: 22152202

**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: 22152186

Length (m), Limit 90.0	[Pair 1,2]	20.7
Prop. Delay (ns), Limit 498	[Pair 4,5]	106
Delay Skew (ns), Limit 44	[Pair 4,5]	6
Resistance (ohms)	[Pair 4,5]	4.31
Insertion Loss Margin (dB)	[Pair 4,5]	24.0
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	31.1



**Worst Case Margin Worst Case Value**

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-4,5	3,6-7,8	4,5-7,8
<b>NEXT (dB)</b>	0.1*	5.8	0.2	6.2
Freq. (MHz)	239.0	199.0	249.5	246.0
Limit (dB)	35.7	37.0	35.4	35.5
Worst Pair	3,6	4,5	3,6	4,5
<b>PS NEXT (dB)</b>	0.2*	5.4	0.3	5.4
Freq. (MHz)	244.0	199.0	249.5	199.0
Limit (dB)	32.9	34.4	32.7	34.4

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	1,2-4,5	4,5-1,2
<b>ACR-F (dB)</b>	14.5	14.5	18.2	18.7
Freq. (MHz)	39.0	39.5	237.0	237.5
Limit (dB)	32.4	32.3	16.7	16.7
Worst Pair	4,5	4,5	4,5	4,5
<b>PS ACR-F (dB)</b>	15.6	15.7	18.3	17.9
Freq. (MHz)	1.0	1.0	212.5	198.5
Limit (dB)	61.2	61.2	14.6	15.2

<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-7,8	4,5-7,8
<b>ACR-N (dB)</b>	11.2	12.0	24.3	30.6
Freq. (MHz)	4.1	4.4	249.5	250.0
Limit (dB)	60.3	59.8	4.3	4.2
Worst Pair	4,5	4,5	3,6	4,5
<b>PS ACR-N (dB)</b>	12.2	13.0	24.3	30.9
Freq. (MHz)	3.9	4.0	249.5	246.5
Limit (dB)	58.5	58.3	1.7	2.0

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
<b>RL (dB)</b>	2.5	3.2	2.5	3.2
Freq. (MHz)	226.0	226.5	226.0	226.5
Limit (dB)	10.5	10.4	10.5	10.4

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

\* Measurement is within the accuracy limits of the instrument.



**Cable ID: 004**

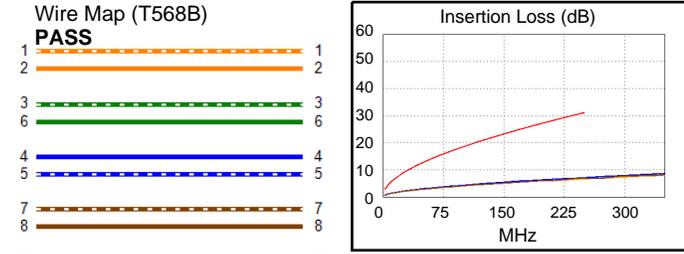
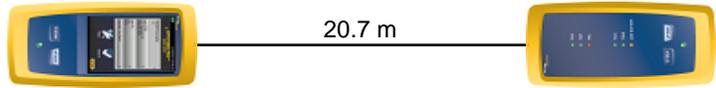
**Test Limit: TIA Cat 6 Perm. Link**  
 Limits Version: V7.6  
 Date / Time: 06/04/2022 17:02:47  
 Operator: SALADINO  
**Headroom 2.1 dB (NEXT 1,2-3,6)**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

Main: Versiv  
 S/N: 21470462  
 Software Version: V6.7 Build 1  
 Calibration Date: 05/10/2022  
 Adapter: DSX-5000 (DSX-PLA004)  
 S/N: 22152202

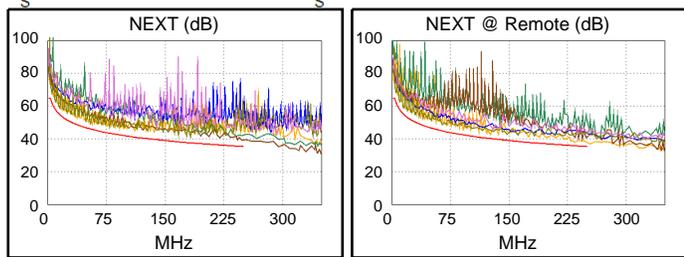
**Test Summary: PASS**

Remote: Versiv  
 S/N: 21470244  
 Software Version: V6.7 Build 1  
 Calibration Date: 05/10/2022  
 Adapter: DSX-5000R (DSX-PLA004)  
 S/N: 22152186

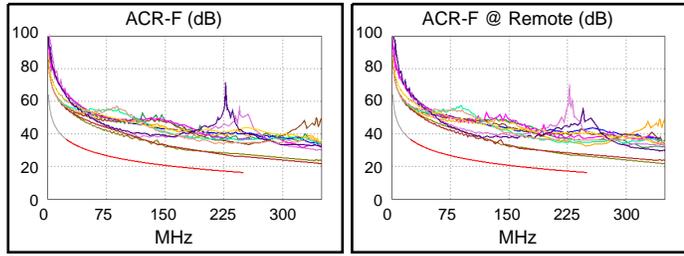
Length (m), Limit 90.0	[Pair 1,2]	20.7
Prop. Delay (ns), Limit 498	[Pair 4,5]	106
Delay Skew (ns), Limit 44	[Pair 4,5]	6
Resistance (ohms)	[Pair 4,5]	4.28
Insertion Loss Margin (dB)	[Pair 3,6]	23.8
Frequency (MHz)	[Pair 3,6]	248.5
Limit (dB)	[Pair 3,6]	31.0



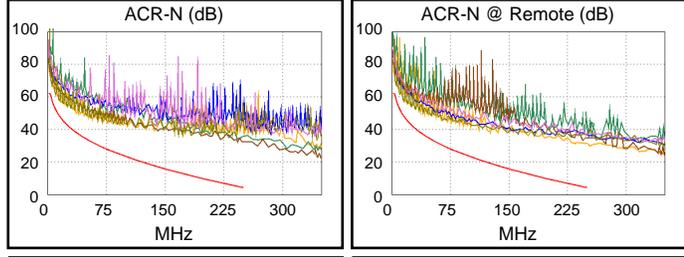
	Worst Case Margin		Worst Case Value	
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-4,5	1,2-3,6
<b>NEXT (dB)</b>	3.2	2.1	3.7	2.1
Freq. (MHz)	56.8	235.0	243.0	235.0
Limit (dB)	45.8	35.8	35.5	35.8
Worst Pair	3,6	3,6	4,5	3,6
<b>PS NEXT (dB)</b>	3.3	2.3	4.1	2.3
Freq. (MHz)	112.0	239.5	248.0	239.5
Limit (dB)	38.5	33.0	32.8	33.0



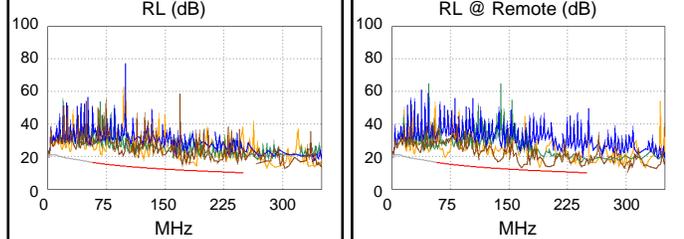
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	4,5-3,6	3,6-4,5
<b>ACR-F (dB)</b>	9.7	9.8	9.7	10.0
Freq. (MHz)	248.5	242.5	248.5	250.0
Limit (dB)	16.3	16.5	16.3	16.2
Worst Pair	3,6	4,5	3,6	4,5
<b>PS ACR-F (dB)</b>	12.4	12.0	12.4	12.2
Freq. (MHz)	248.5	242.5	248.5	250.0
Limit (dB)	13.3	13.5	13.3	13.2



<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-4,5	1,2-3,6
<b>ACR-N (dB)</b>	8.9	8.8	27.3	25.2
Freq. (MHz)	4.8	4.9	243.0	235.0
Limit (dB)	59.1	58.9	4.9	5.8
Worst Pair	3,6	7,8	4,5	3,6
<b>PS ACR-N (dB)</b>	9.5	10.2	28.1	26.6
Freq. (MHz)	5.8	5.0	248.0	248.5
Limit (dB)	55.1	56.3	1.8	1.8



<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2	7,8	1,2	7,8
<b>RL (dB)</b>	1.6	1.2	1.6	1.6
Freq. (MHz)	188.5	166.5	188.5	202.0
Limit (dB)	11.2	11.8	11.2	10.9



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



**Cable ID: 005**

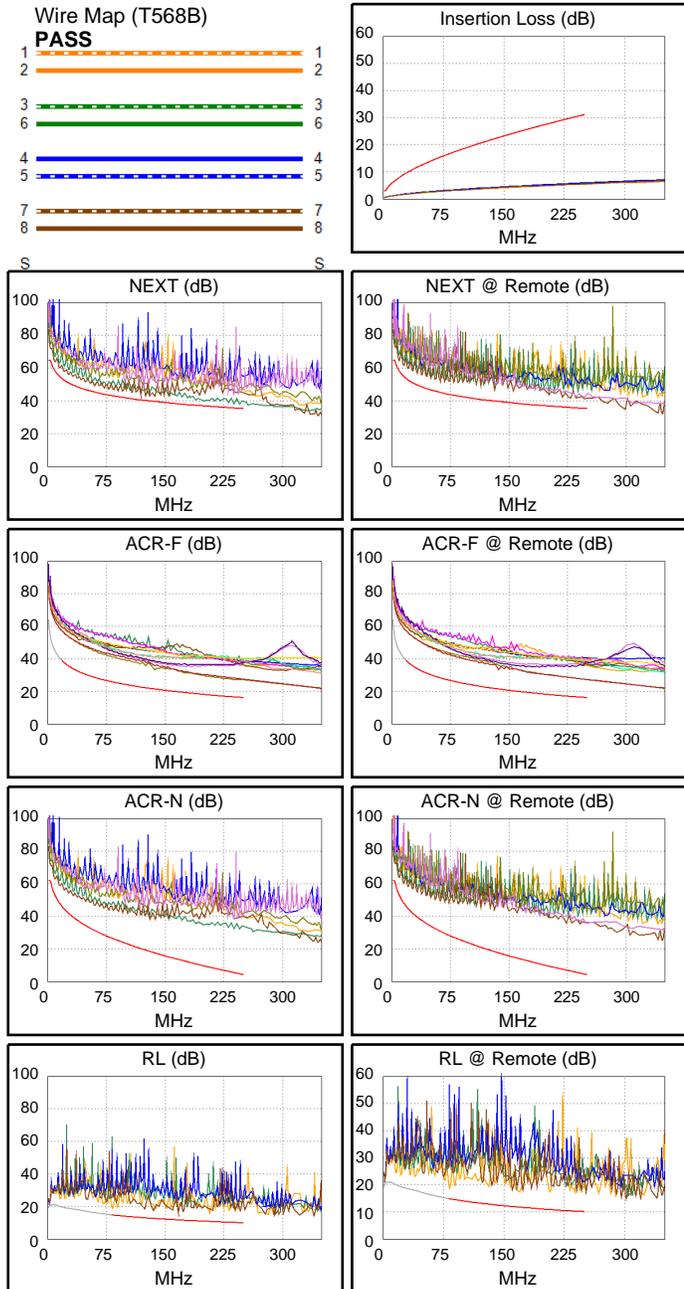
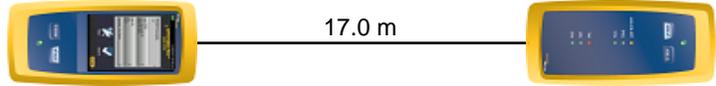
**Test Limit: TIA Cat 6 Perm. Link**  
 Limits Version: V7.6  
 Date / Time: 06/04/2022 17:06:35  
 Operator: SALADINO  
**Headroom 2.2 dB (NEXT 1,2-4,5)**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

Main: Versiv  
 S/N: 21470462  
 Software Version: V6.7 Build 1  
 Calibration Date: 05/10/2022  
 Adapter: DSX-5000 (DSX-PLA004)  
 S/N: 22152202

**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: 22152186

Length (m), Limit 90.0	[Pair 1,2]	17.0
Prop. Delay (ns), Limit 498	[Pair 4,5]	87
Delay Skew (ns), Limit 44	[Pair 4,5]	5
Resistance (ohms)	[Pair 4,5]	3.56
Insertion Loss Margin (dB)	[Pair 4,5]	25.2
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	31.1



**Worst Case Margin Worst Case Value**

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	3,6-4,5	1,2-4,5	3,6-4,5
<b>NEXT (dB)</b>	2.2	5.0	2.5	5.0
Freq. (MHz)	201.0	224.0	250.0	224.0
Limit (dB)	36.9	36.1	35.3	36.1
Worst Pair	4,5	4,5	4,5	4,5
<b>PS NEXT (dB)</b>	2.6	5.7	3.8	5.7
Freq. (MHz)	130.5	249.0	250.0	249.0
Limit (dB)	37.4	32.7	32.7	32.7

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
<b>ACR-F (dB)</b>	10.6	10.5	11.0	11.1
Freq. (MHz)	239.5	227.0	250.0	250.0
Limit (dB)	16.6	17.1	16.2	16.2
Worst Pair	4,5	3,6	3,6	3,6
<b>PS ACR-F (dB)</b>	13.1	12.6	13.4	12.8
Freq. (MHz)	239.5	233.5	247.5	245.5
Limit (dB)	13.6	13.8	13.3	13.4

<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-4,5	3,6-4,5
<b>ACR-N (dB)</b>	9.7	10.5	27.7	30.8
Freq. (MHz)	8.6	9.0	250.0	246.0
Limit (dB)	53.7	53.3	4.2	4.6
Worst Pair	4,5	4,5	4,5	4,5
<b>PS ACR-N (dB)</b>	10.2	11.1	29.0	30.9
Freq. (MHz)	8.9	8.9	250.0	249.0
Limit (dB)	51.1	51.1	1.6	1.7

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	1,2
<b>RL (dB)</b>	3.9	3.9	5.0	5.2
Freq. (MHz)	82.8	82.8	207.5	171.0
Limit (dB)	14.8	14.8	10.8	11.7

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



**Cable ID: 006**

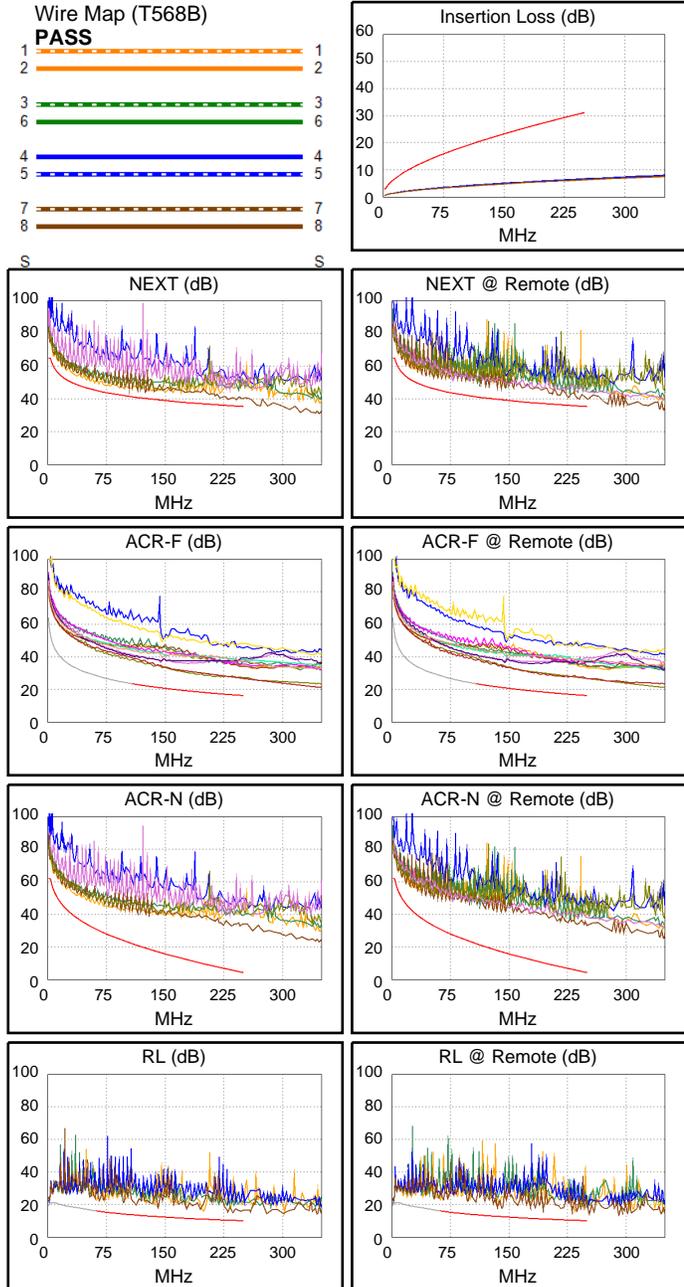
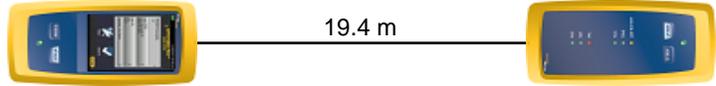
**Test Limit: TIA Cat 6 Perm. Link**  
 Limits Version: V7.6  
 Date / Time: 06/04/2022 17:15:49  
 Operator: SALADINO  
**Headroom 3.3 dB (NEXT 3,6-4,5)**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

Main: Versiv  
 S/N: 21470462  
 Software Version: V6.7 Build 1  
 Calibration Date: 05/10/2022  
 Adapter: DSX-5000 (DSX-PLA004)  
 S/N: 22152202

**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: 22152186

Length (m), Limit 90.0	[Pair 1,2]	19.4
Prop. Delay (ns), Limit 498	[Pair 4,5]	99
Delay Skew (ns), Limit 44	[Pair 4,5]	5
Resistance (ohms)	[Pair 4,5]	4.06
Insertion Loss Margin (dB)	[Pair 3,6]	24.4
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	31.1



**Worst Case Margin Worst Case Value**

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
<b>NEXT (dB)</b>	3.3	4.1	3.6	4.1
Freq. (MHz)	225.0	245.5	240.5	245.5
Limit (dB)	36.1	35.5	35.6	35.5
Worst Pair	3,6	4,5	3,6	4,5
<b>PS NEXT (dB)</b>	3.0	5.2	4.5	5.2
Freq. (MHz)	73.0	250.0	225.0	250.0
Limit (dB)	41.5	32.7	33.5	32.7

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	3,6-4,5
<b>ACR-F (dB)</b>	10.3	10.3	10.6	10.6
Freq. (MHz)	215.5	215.5	248.0	248.5
Limit (dB)	17.5	17.5	16.3	16.3
Worst Pair	3,6	3,6	3,6	3,6
<b>PS ACR-F (dB)</b>	12.6	12.4	12.7	12.4
Freq. (MHz)	243.5	247.5	249.0	247.5
Limit (dB)	13.5	13.3	13.3	13.3

<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-4,5	3,6-4,5
<b>ACR-N (dB)</b>	10.0	11.9	27.4	28.3
Freq. (MHz)	7.1	7.6	240.5	245.5
Limit (dB)	55.5	54.8	5.2	4.7
Worst Pair	3,6	3,6	3,6	4,5
<b>PS ACR-N (dB)</b>	9.3	10.8	29.5	29.6
Freq. (MHz)	7.0	7.5	246.0	250.0
Limit (dB)	53.3	52.7	2.0	1.6

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	1,2
<b>RL (dB)</b>	4.1	5.2	4.1	5.5
Freq. (MHz)	231.0	141.0	231.0	234.5
Limit (dB)	10.4	12.5	10.4	10.3

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



**Cable ID: 007**

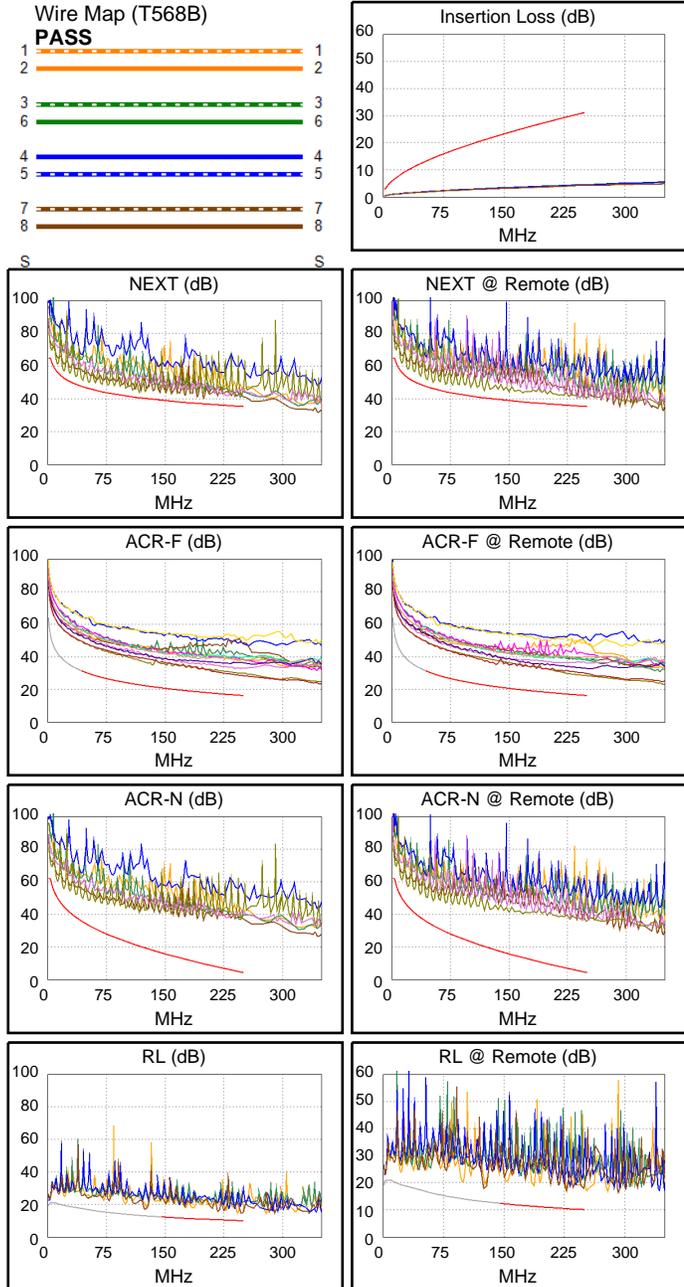
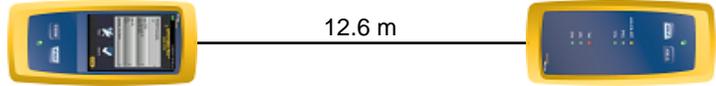
**Test Limit: TIA Cat 6 Perm. Link**  
 Limits Version: V7.6  
 Date / Time: 06/04/2022 16:44:44  
 Operator: SALADINO  
**Headroom 3.3 dB (NEXT 3,6-7,8)**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

Main: Versiv  
 S/N: 21470462  
 Software Version: V6.7 Build 1  
 Calibration Date: 05/10/2022  
 Adapter: DSX-5000 (DSX-PLA004)  
 S/N: 22152202

**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: 22152186

Length (m), Limit 90.0	[Pair 1,2]	12.6
Prop. Delay (ns), Limit 498	[Pair 4,5]	64
Delay Skew (ns), Limit 44	[Pair 3,6]	3
Resistance (ohms)	[Pair 4,5]	2.84
Insertion Loss Margin (dB)	[Pair 3,6]	26.6
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	31.1



**Worst Case Margin Worst Case Value**

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-4,5	3,6-7,8
<b>NEXT (dB)</b>	3.3	3.9	3.5	4.6
Freq. (MHz)	117.0	53.0	199.0	249.5
Limit (dB)	40.7	46.3	37.0	35.4
Worst Pair	3,6	4,5	4,5	4,5
<b>PS NEXT (dB)</b>	4.1	4.4	4.8	4.4
Freq. (MHz)	117.5	237.5	245.0	237.5
Limit (dB)	38.1	33.1	32.9	33.1

<b>PASS</b>	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>	12.2	12.3	12.2	12.3
Freq. (MHz)	250.0	250.0	250.0	250.0
Limit (dB)	16.2	16.2	16.2	16.2
Worst Pair	3,6	4,5	3,6	4,5
<b>PS ACR-F (dB)</b>	14.1	14.5	14.1	14.5
Freq. (MHz)	250.0	250.0	250.0	250.0
Limit (dB)	13.2	13.2	13.2	13.2

<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-4,5	3,6-7,8
<b>ACR-N (dB)</b>	9.7	10.2	32.0	31.4
Freq. (MHz)	3.6	4.1	250.0	249.5
Limit (dB)	61.4	60.3	4.2	4.3
Worst Pair	3,6	3,6	4,5	4,5
<b>PS ACR-N (dB)</b>	10.2	11.1	31.2	30.2
Freq. (MHz)	3.9	4.5	245.0	237.5
Limit (dB)	58.5	57.3	2.1	2.9

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	1,2
<b>RL (dB)</b>	4.1	6.7	4.1	6.7
Freq. (MHz)	248.0	228.5	248.0	228.5
Limit (dB)	10.1	10.4	10.1	10.4

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



**Cable ID: 008**

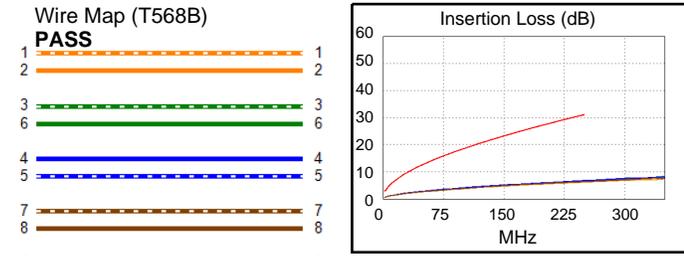
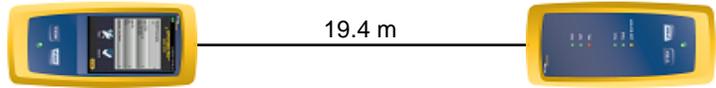
**Test Limit: TIA Cat 6 Perm. Link**  
 Limits Version: V7.6  
 Date / Time: 06/04/2022 17:12:12  
 Operator: SALADINO  
**Headroom 0.4 dB (NEXT 1,2-4,5)**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

Main: Versiv  
 S/N: 21470462  
 Software Version: V6.7 Build 1  
 Calibration Date: 05/10/2022  
 Adapter: DSX-5000 (DSX-PLA004)  
 S/N: 22152202

**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: 22152186

Length (m), Limit 90.0	[Pair 1,2]	19.4
Prop. Delay (ns), Limit 498	[Pair 4,5]	100
Delay Skew (ns), Limit 44	[Pair 4,5]	6
Resistance (ohms)	[Pair 4,5]	3.95
Insertion Loss Margin (dB)	[Pair 3,6]	24.4
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	31.1



**Worst Case Margin Worst Case Value**

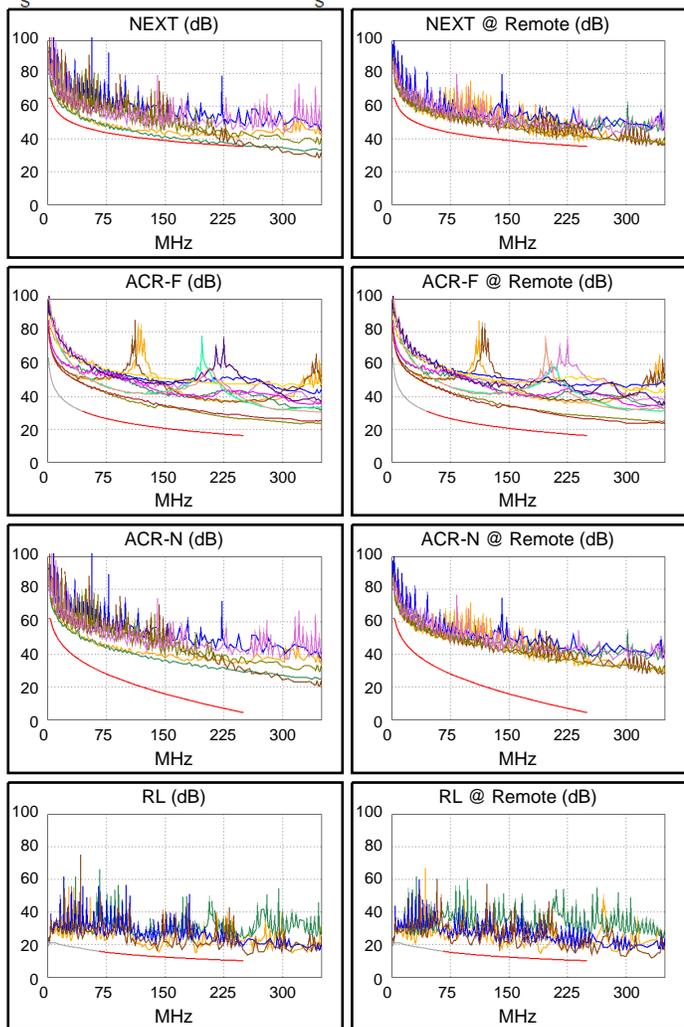
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-3,6	1,2-4,5	1,2-3,6
<b>NEXT (dB)</b>	0.4*	2.8	0.5	2.8
Freq. (MHz)	245.5	239.5	250.0	239.5
Limit (dB)	35.5	35.6	35.3	35.6
Worst Pair	4,5	3,6	4,5	3,6
<b>PS NEXT (dB)</b>	0.1*	3.4	0.2	3.4
Freq. (MHz)	245.0	239.5	250.0	239.5
Limit (dB)	32.9	33.0	32.7	33.0

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
<b>ACR-F (dB)</b>	9.9	10.0	9.9	10.0
Freq. (MHz)	244.5	244.5	244.5	244.5
Limit (dB)	16.4	16.4	16.4	16.4
Worst Pair	4,5	3,6	4,5	3,6
<b>PS ACR-F (dB)</b>	12.6	12.4	12.6	12.4
Freq. (MHz)	244.5	244.5	244.5	244.5
Limit (dB)	13.4	13.4	13.4	13.4

<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	3,6-7,8	1,2-4,5	1,2-3,6
<b>ACR-N (dB)</b>	11.2	12.5	24.9	26.6
Freq. (MHz)	5.1	10.1	250.0	239.5
Limit (dB)	58.4	52.2	4.2	5.3
Worst Pair	4,5	3,6	4,5	3,6
<b>PS ACR-N (dB)</b>	10.8	11.5	24.6	28.3
Freq. (MHz)	4.3	9.9	250.0	250.0
Limit (dB)	57.8	50.1	1.6	1.6

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	1,2
<b>RL (dB)</b>	2.8	3.0	3.7	3.0
Freq. (MHz)	142.0	190.0	189.5	190.0
Limit (dB)	12.5	11.2	11.2	11.2

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



\* Measurement is within the accuracy limits of the instrument.



**Cable ID: 009**

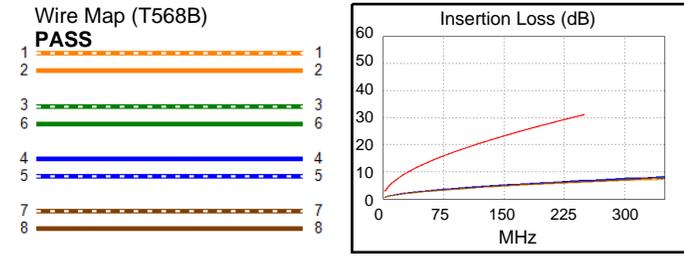
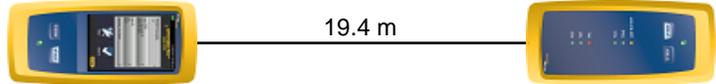
**Test Limit: TIA Cat 6 Perm. Link**  
Limits Version: V7.6  
Date / Time: 06/04/2022 17:12:45  
Operator: SALADINO  
**Headroom 0.4 dB (NEXT 1,2-4,5)**  
Cable Type: Cat 6 U/UTP  
NVP: 69.0%

Main: Versiv  
S/N: 21470462  
Software Version: V6.7 Build 1  
Calibration Date: 05/10/2022  
Adapter: DSX-5000 (DSX-PLA004)  
S/N: 22152202

**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: 22152186

Length (m), Limit 90.0	[Pair 1,2]	19.4
Prop. Delay (ns), Limit 498	[Pair 4,5]	100
Delay Skew (ns), Limit 44	[Pair 4,5]	6
Resistance (ohms)	[Pair 4,5]	3.99
Insertion Loss Margin (dB)	[Pair 4,5]	24.3
Frequency (MHz)	[Pair 4,5]	249.5
Limit (dB)	[Pair 4,5]	31.1



**Worst Case Margin Worst Case Value**

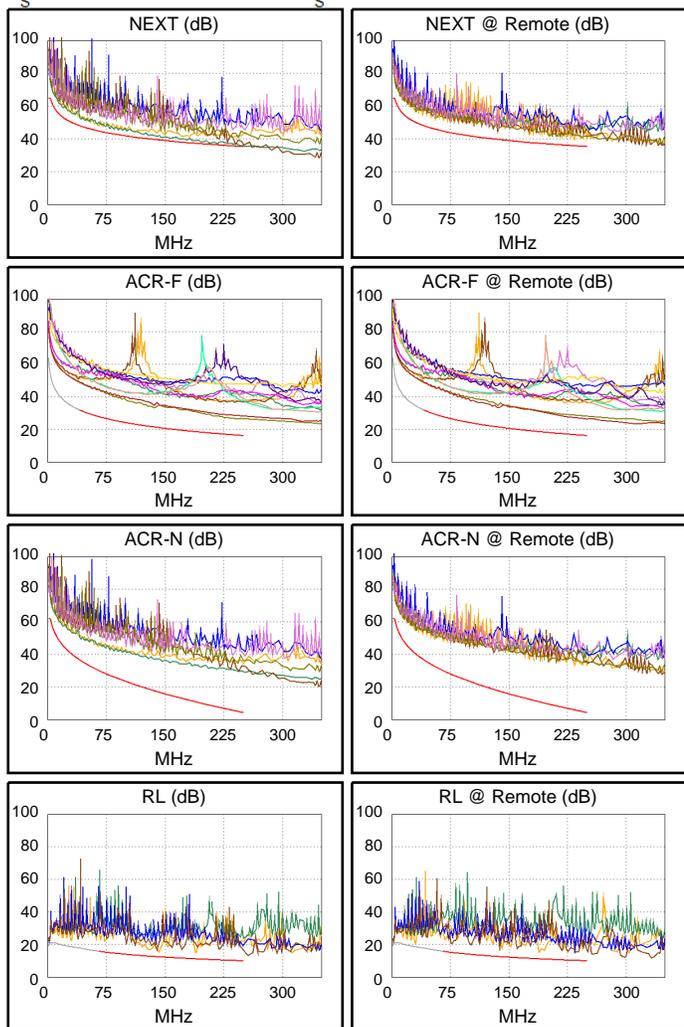
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-3,6	1,2-4,5	1,2-3,6
<b>NEXT (dB)</b>	0.4*	2.9	0.5	2.9
Freq. (MHz)	245.5	239.5	250.0	239.5
Limit (dB)	35.5	35.6	35.3	35.6
Worst Pair	4,5	3,6	4,5	3,6
<b>PS NEXT (dB)</b>	0.1*	3.6	0.2	3.6
Freq. (MHz)	245.0	239.5	250.0	239.5
Limit (dB)	32.9	33.0	32.7	33.0

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
<b>ACR-F (dB)</b>	9.8	10.0	10.1	10.2
Freq. (MHz)	239.0	245.0	249.5	250.0
Limit (dB)	16.6	16.4	16.2	16.2
Worst Pair	4,5	3,6	4,5	3,6
<b>PS ACR-F (dB)</b>	12.6	12.4	12.8	12.4
Freq. (MHz)	245.0	244.5	249.5	244.5
Limit (dB)	13.4	13.4	13.2	13.4

<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	3,6-4,5	1,2-4,5	1,2-3,6
<b>ACR-N (dB)</b>	11.2	12.6	24.9	26.7
Freq. (MHz)	6.3	5.3	250.0	239.5
Limit (dB)	56.7	58.2	4.2	5.3
Worst Pair	4,5	3,6	4,5	3,6
<b>PS ACR-N (dB)</b>	11.0	11.7	24.6	28.5
Freq. (MHz)	4.0	9.9	250.0	250.0
Limit (dB)	58.3	50.1	1.6	1.6

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	1,2
<b>RL (dB)</b>	2.8	3.0	3.7	3.0
Freq. (MHz)	142.0	190.0	189.5	190.0
Limit (dB)	12.5	11.2	11.2	11.2

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



\* Measurement is within the accuracy limits of the instrument.



**Cable ID: 010**

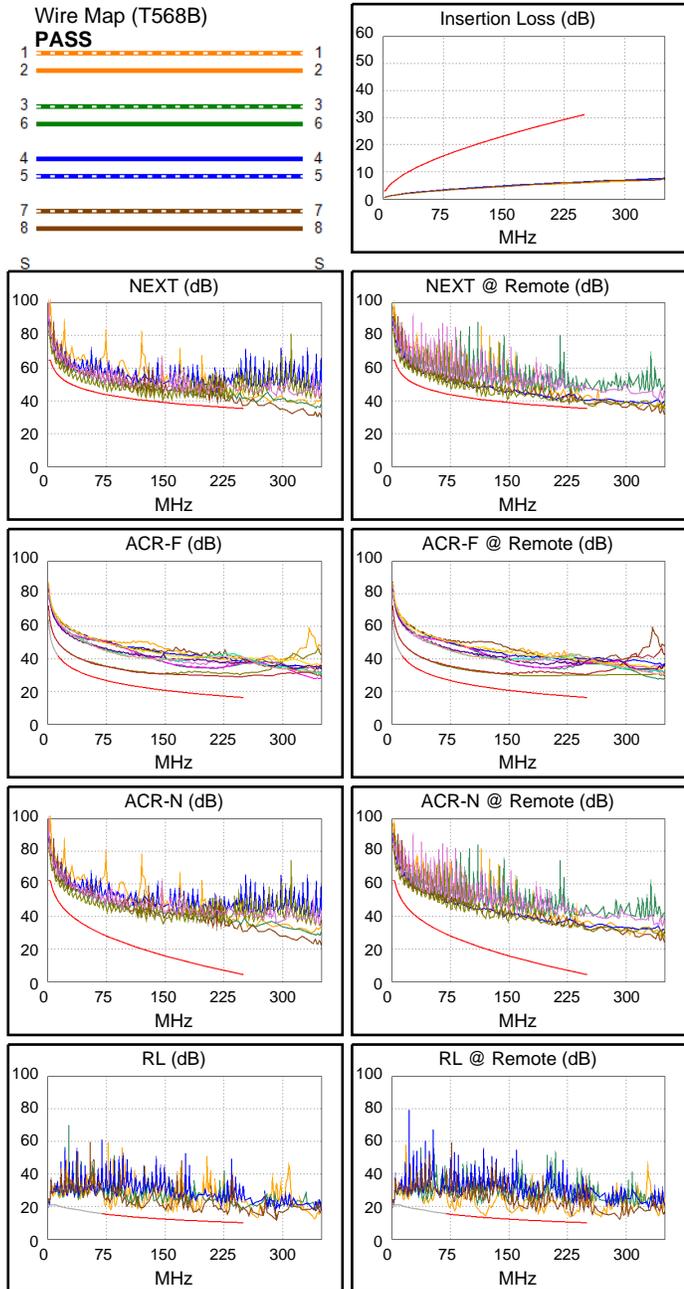
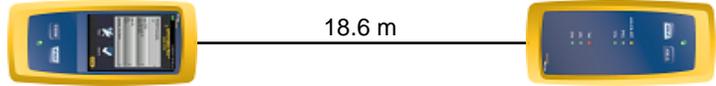
**Test Limit: TIA Cat 6 Perm. Link**  
Limits Version: V7.6  
Date / Time: 06/04/2022 17:13:36  
Operator: SALADINO  
**Headroom 1.0 dB (NEXT 3,6-7,8)**  
Cable Type: Cat 6 U/UTP  
NVP: 69.0%

Main: Versiv  
S/N: 21470462  
Software Version: V6.7 Build 1  
Calibration Date: 05/10/2022  
Adapter: DSX-5000 (DSX-PLA004)  
S/N: 22152202

**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: 22152186

Length (m), Limit 90.0	[Pair 1,2]	18.6
Prop. Delay (ns), Limit 498	[Pair 4,5]	95
Delay Skew (ns), Limit 44	[Pair 4,5]	5
Resistance (ohms)	[Pair 4,5]	3.84
Insertion Loss Margin (dB)	[Pair 3,6]	24.7
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	31.1



**Worst Case Margin Worst Case Value**

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-4,5	3,6-4,5
<b>NEXT (dB)</b>	1.0	1.8	1.6	2.9
Freq. (MHz)	147.5	148.0	248.5	248.5
Limit (dB)	39.1	39.1	35.4	35.4
Worst Pair	3,6	3,6	4,5	3,6
<b>PS NEXT (dB)</b>	1.9	2.1	2.6	2.2
Freq. (MHz)	148.0	248.0	248.5	248.5
Limit (dB)	36.5	32.8	32.7	32.7

<b>PASS</b>	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>	8.0	7.9	11.6	11.6
Freq. (MHz)	55.0	55.0	236.0	236.0
Limit (dB)	29.4	29.4	16.7	16.7
Worst Pair	3,6	4,5	3,6	4,5
<b>PS ACR-F (dB)</b>	10.6	10.5	13.7	12.9
Freq. (MHz)	55.0	55.0	236.0	221.0
Limit (dB)	26.4	26.4	13.7	14.3

<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-4,5	3,6-4,5	3,6-4,5
<b>ACR-N (dB)</b>	9.9	10.5	26.3	27.6
Freq. (MHz)	10.6	5.5	248.5	248.5
Limit (dB)	51.7	57.8	4.4	4.4
Worst Pair	3,6	3,6	4,5	3,6
<b>PS ACR-N (dB)</b>	9.7	10.2	27.2	26.7
Freq. (MHz)	10.5	5.4	248.5	248.5
Limit (dB)	49.5	55.7	1.8	1.8

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	7,8	1,2
<b>RL (dB)</b>	3.2	0.9*	4.3	3.1
Freq. (MHz)	80.3	120.5	230.5	228.5
Limit (dB)	15.0	13.2	10.4	10.4

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

\* Measurement is within the accuracy limits of the instrument.



**Cable ID: 011**

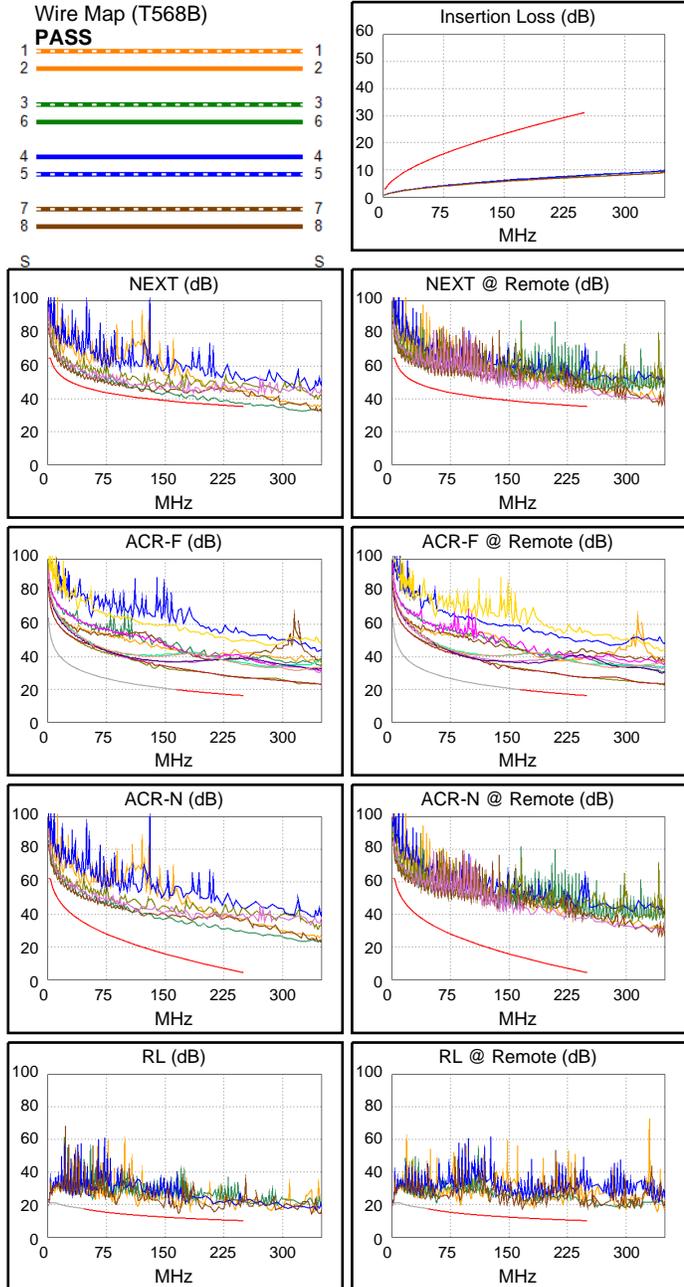
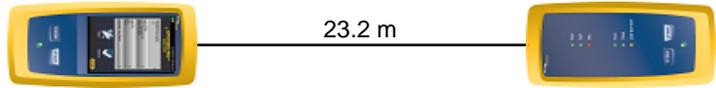
**Test Limit: TIA Cat 6 Perm. Link**  
 Limits Version: V7.6  
 Date / Time: 06/04/2022 17:38:22  
 Operator: SALADINO  
**Headroom 1.8 dB (NEXT 1,2-4,5)**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

Main: Versiv  
 S/N: 21470462  
 Software Version: V6.7 Build 1  
 Calibration Date: 05/10/2022  
 Adapter: DSX-5000 (DSX-PLA004)  
 S/N: 22152202

**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: 22152186

Length (m), Limit 90.0	[Pair 1,2]	23.2
Prop. Delay (ns), Limit 498	[Pair 4,5]	119
Delay Skew (ns), Limit 44	[Pair 4,5]	7
Resistance (ohms)	[Pair 4,5]	4.78
Insertion Loss Margin (dB)	[Pair 3,6]	23.2
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	31.1



**Worst Case Margin Worst Case Value**

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	4,5-7,8	1,2-4,5	4,5-7,8
<b>NEXT (dB)</b>	1.8	7.6	1.8	8.0
Freq. (MHz)	249.5	221.0	249.5	247.0
Limit (dB)	35.4	36.2	35.4	35.4
Worst Pair	4,5	4,5	4,5	4,5
<b>PS NEXT (dB)</b>	2.7	8.0	3.4	8.4
Freq. (MHz)	191.0	50.5	249.5	247.5
Limit (dB)	34.7	44.2	32.7	32.8

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
<b>ACR-F (dB)</b>	10.8	10.8	10.9	10.9
Freq. (MHz)	249.0	249.0	250.0	250.0
Limit (dB)	16.3	16.3	16.2	16.2
Worst Pair	4,5	3,6	4,5	3,6
<b>PS ACR-F (dB)</b>	13.0	12.8	13.1	13.3
Freq. (MHz)	249.0	135.5	250.0	249.0
Limit (dB)	13.3	18.6	13.2	13.3

<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-4,5	4,5-7,8
<b>ACR-N (dB)</b>	10.7	11.9	25.0	31.4
Freq. (MHz)	8.1	7.8	249.5	247.0
Limit (dB)	54.3	54.7	4.3	4.5
Worst Pair	4,5	3,6	4,5	4,5
<b>PS ACR-N (dB)</b>	10.9	12.6	26.5	31.4
Freq. (MHz)	4.6	8.3	249.5	247.5
Limit (dB)	57.0	51.8	1.7	1.9

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	7,8	7,8
<b>RL (dB)</b>	2.9	4.6	2.9	5.3
Freq. (MHz)	167.5	57.3	167.5	167.5
Limit (dB)	11.8	16.4	11.8	11.8

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



**Cable ID: 012**

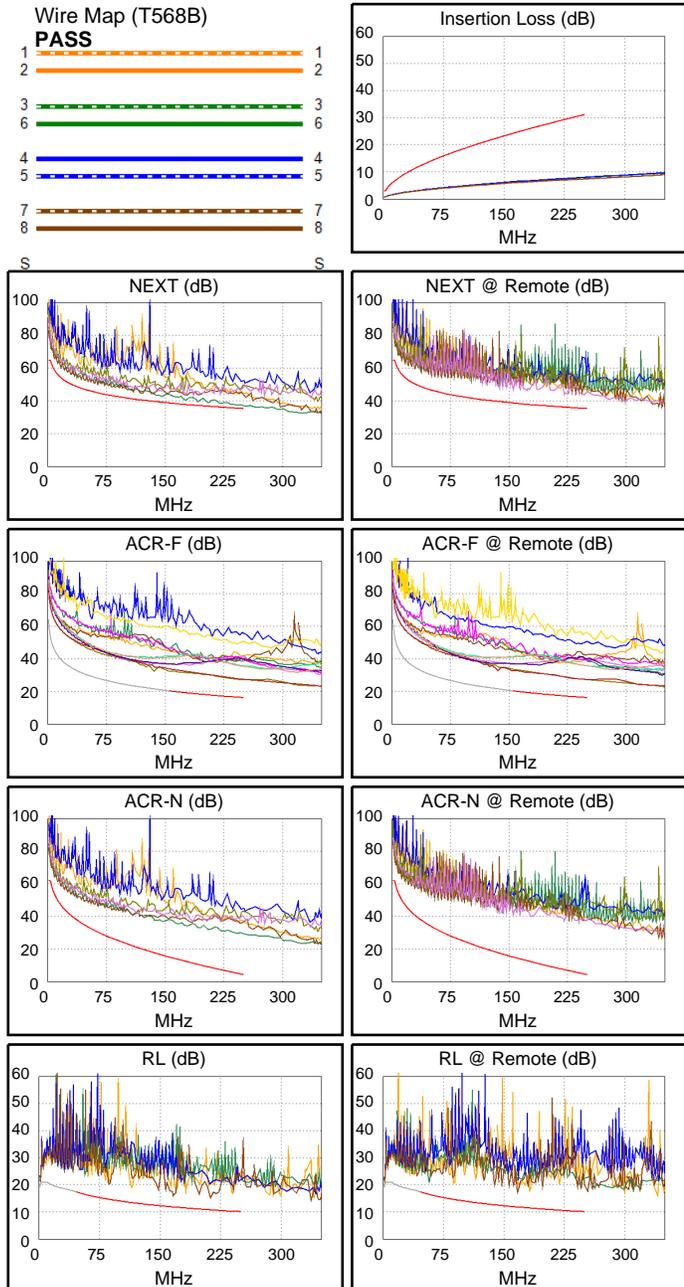
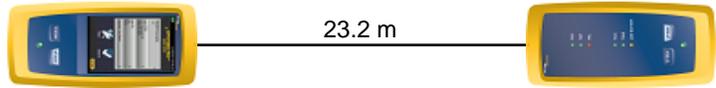
**Test Limit: TIA Cat 6 Perm. Link**  
 Limits Version: V7.6  
 Date / Time: 06/04/2022 17:38:43  
 Operator: SALADINO  
**Headroom 1.8 dB (NEXT 1,2-4,5)**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

Main: Versiv  
 S/N: 21470462  
 Software Version: V6.7 Build 1  
 Calibration Date: 05/10/2022  
 Adapter: DSX-5000 (DSX-PLA004)  
 S/N: 22152202

**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: 22152186

Length (m), Limit 90.0	[Pair 1,2]	23.2
Prop. Delay (ns), Limit 498	[Pair 4,5]	119
Delay Skew (ns), Limit 44	[Pair 4,5]	7
Resistance (ohms)	[Pair 4,5]	4.92
Insertion Loss Margin (dB)	[Pair 3,6]	23.2
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	31.1



**Worst Case Margin Worst Case Value**

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	4,5-7,8	1,2-4,5	4,5-7,8
<b>NEXT (dB)</b>	1.8	7.7	1.8	8.0
Freq. (MHz)	249.5	221.0	249.5	247.0
Limit (dB)	35.4	36.2	35.4	35.4
Worst Pair	4,5	4,5	4,5	4,5
<b>PS NEXT (dB)</b>	2.7	8.0	3.4	8.4
Freq. (MHz)	191.0	50.5	249.5	247.5
Limit (dB)	34.7	44.2	32.7	32.8

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
<b>ACR-F (dB)</b>	10.8	10.8	10.9	10.9
Freq. (MHz)	249.0	249.0	250.0	250.0
Limit (dB)	16.3	16.3	16.2	16.2
Worst Pair	4,5	3,6	4,5	3,6
<b>PS ACR-F (dB)</b>	13.0	12.8	13.1	13.3
Freq. (MHz)	249.0	135.5	250.0	249.0
Limit (dB)	13.3	18.6	13.2	13.3

<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-4,5	4,5-7,8
<b>ACR-N (dB)</b>	10.7	11.8	25.0	31.4
Freq. (MHz)	8.6	3.9	249.5	247.0
Limit (dB)	53.7	60.8	4.3	4.5
Worst Pair	4,5	3,6	4,5	4,5
<b>PS ACR-N (dB)</b>	11.0	12.4	26.5	31.4
Freq. (MHz)	4.5	3.9	249.5	247.5
Limit (dB)	57.3	58.5	1.7	1.9

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	7,8	7,8
<b>RL (dB)</b>	2.9	4.6	2.9	5.3
Freq. (MHz)	167.5	57.3	167.5	167.5
Limit (dB)	11.8	16.4	11.8	11.8

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



**Cable ID: 013**

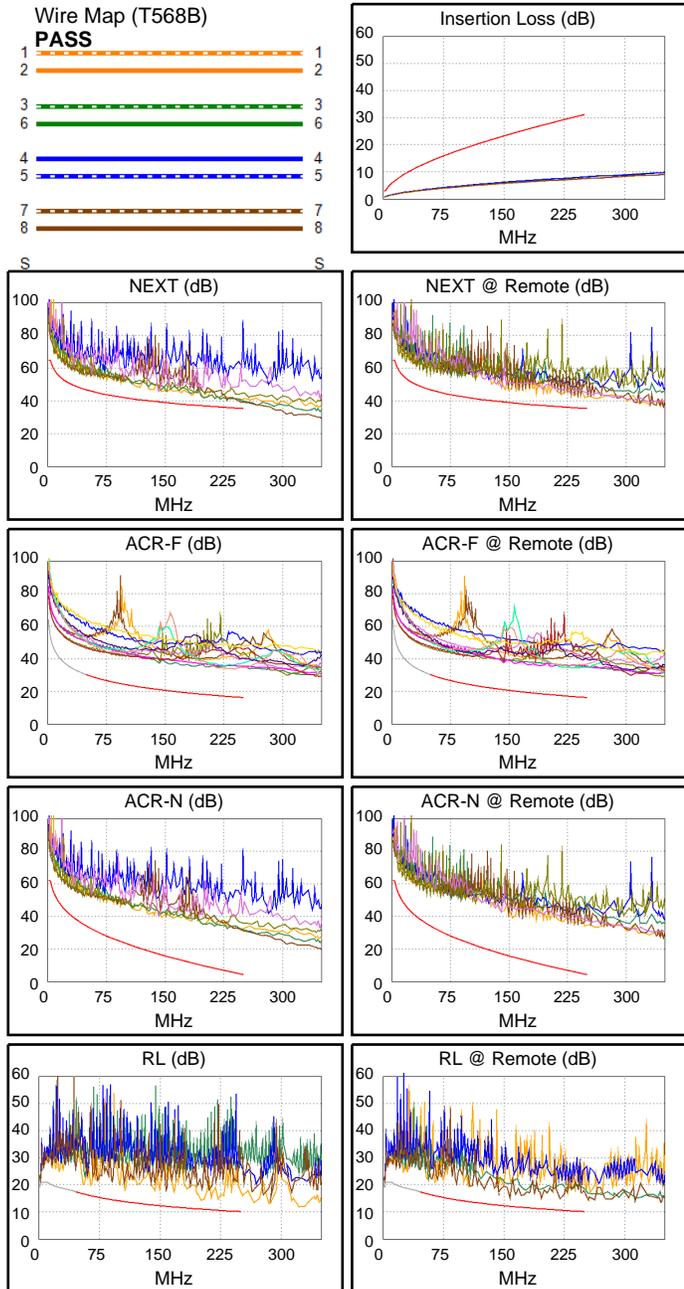
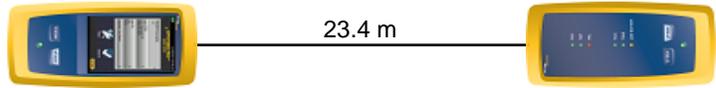
**Test Limit: TIA Cat 6 Perm. Link**  
 Limits Version: V7.6  
 Date / Time: 06/04/2022 17:27:49  
 Operator: SALADINO  
**Headroom 3.9 dB (NEXT 3,6-4,5)**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

Main: Versiv  
 S/N: 21470462  
 Software Version: V6.7 Build 1  
 Calibration Date: 05/10/2022  
 Adapter: DSX-5000 (DSX-PLA004)  
 S/N: 22152202

**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: 22152186

Length (m), Limit 90.0	[Pair 1,2]	23.4
Prop. Delay (ns), Limit 498	[Pair 4,5]	120
Delay Skew (ns), Limit 44	[Pair 4,5]	7
Resistance (ohms)	[Pair 4,5]	4.78
Insertion Loss Margin (dB)	[Pair 4,5]	23.0
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	31.1



**Worst Case Margin Worst Case Value**

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-3,6	3,6-4,5	1,2-3,6
<b>NEXT (dB)</b>	3.9	6.3	3.9	6.5
Freq. (MHz)	250.0	154.0	250.0	247.5
Limit (dB)	35.3	38.8	35.3	35.4
Worst Pair	3,6	3,6	3,6	3,6
<b>PS NEXT (dB)</b>	3.2	6.9	3.2	7.1
Freq. (MHz)	246.5	154.0	246.5	247.0
Limit (dB)	32.8	36.2	32.8	32.8

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	7,8-4,5	4,5-7,8
<b>ACR-F (dB)</b>	15.7	15.7	17.3	17.8
Freq. (MHz)	5.6	21.9	239.5	239.5
Limit (dB)	49.2	37.4	16.6	16.6
Worst Pair	3,6	3,6	4,5	4,5
<b>PS ACR-F (dB)</b>	15.9	16.1	18.0	18.1
Freq. (MHz)	1.0	1.1	245.0	229.5
Limit (dB)	61.2	60.2	13.4	14.0

<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-4,5	1,2-3,6
<b>ACR-N (dB)</b>	14.0	13.8	26.9	29.5
Freq. (MHz)	9.0	8.4	250.0	247.5
Limit (dB)	53.3	54.0	4.2	4.5
Worst Pair	3,6	3,6	3,6	3,6
<b>PS ACR-N (dB)</b>	13.3	14.6	26.1	30.1
Freq. (MHz)	9.0	8.4	246.5	247.0
Limit (dB)	51.0	51.6	2.0	1.9

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2	7,8	1,2	7,8
<b>RL (dB)</b>	3.0	3.0	3.2	3.9
Freq. (MHz)	64.8	157.5	201.5	220.5
Limit (dB)	15.9	12.0	11.0	10.6

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



**Cable ID: 014**

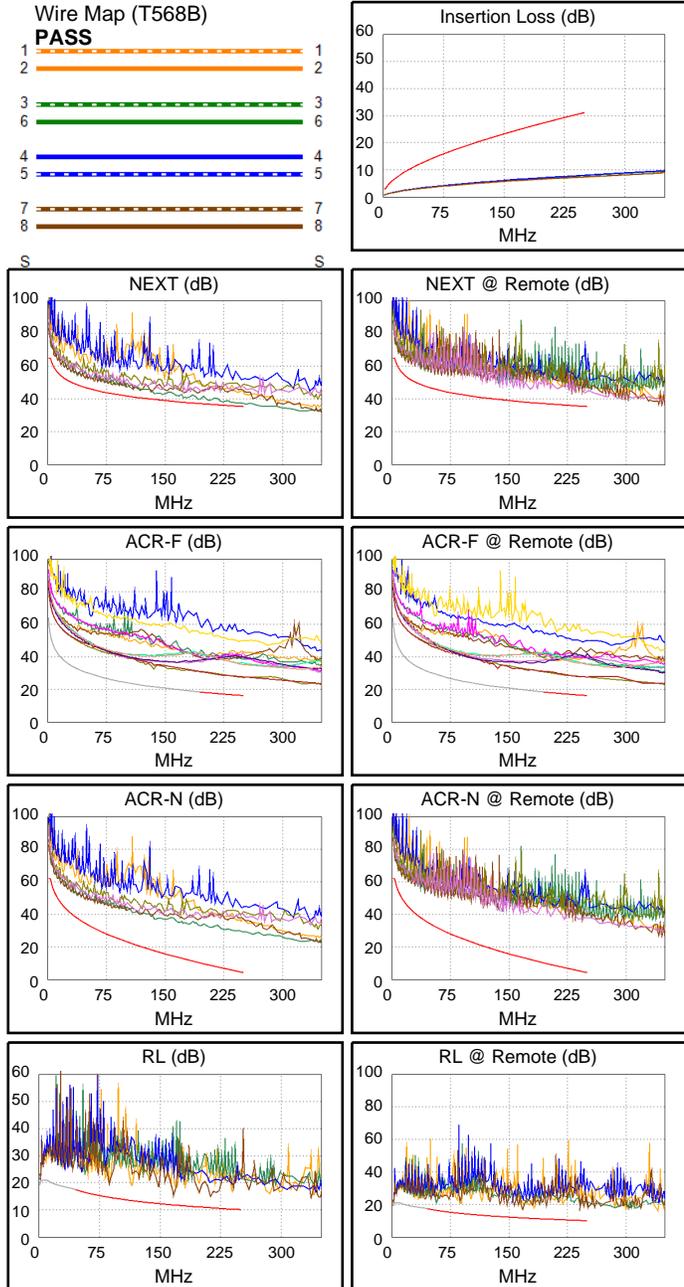
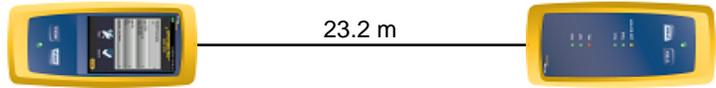
**Test Limit: TIA Cat 6 Perm. Link**  
 Limits Version: V7.6  
 Date / Time: 06/04/2022 17:34:34  
 Operator: SALADINO  
**Headroom 1.9 dB (NEXT 1,2-4,5)**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

Main: Versiv  
 S/N: 21470462  
 Software Version: V6.7 Build 1  
 Calibration Date: 05/10/2022  
 Adapter: DSX-5000 (DSX-PLA004)  
 S/N: 22152202

**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: 22152186

Length (m), Limit 90.0	[Pair 1,2]	23.2
Prop. Delay (ns), Limit 498	[Pair 4,5]	119
Delay Skew (ns), Limit 44	[Pair 4,5]	7
Resistance (ohms)	[Pair 4,5]	4.82
Insertion Loss Margin (dB)	[Pair 3,6]	23.2
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	31.1



**Worst Case Margin Worst Case Value**

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	4,5-7,8	1,2-4,5	4,5-7,8
<b>NEXT (dB)</b>	1.9	7.8	2.0	8.0
Freq. (MHz)	249.5	221.0	250.0	247.0
Limit (dB)	35.4	36.2	35.3	35.4
Worst Pair	4,5	4,5	4,5	4,5
<b>PS NEXT (dB)</b>	2.7	8.2	3.5	8.4
Freq. (MHz)	191.0	50.5	249.0	247.0
Limit (dB)	34.7	44.2	32.7	32.8

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
<b>ACR-F (dB)</b>	11.0	11.1	11.2	11.2
Freq. (MHz)	135.5	249.0	250.0	250.0
Limit (dB)	21.6	16.3	16.2	16.2
Worst Pair	4,5	3,6	4,5	3,6
<b>PS ACR-F (dB)</b>	13.1	13.0	13.2	13.6
Freq. (MHz)	249.0	136.0	250.0	249.0
Limit (dB)	13.3	18.5	13.2	13.3

<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-4,5	4,5-7,8
<b>ACR-N (dB)</b>	10.9	12.3	25.2	31.4
Freq. (MHz)	8.4	3.8	250.0	247.0
Limit (dB)	54.0	61.1	4.2	4.5
Worst Pair	4,5	3,6	4,5	4,5
<b>PS ACR-N (dB)</b>	11.0	12.7	26.6	31.4
Freq. (MHz)	4.8	4.1	249.0	247.0
Limit (dB)	56.8	58.0	1.7	1.9

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	7,8	7,8
<b>RL (dB)</b>	3.0	4.6	4.1	5.2
Freq. (MHz)	167.5	57.3	213.5	167.5
Limit (dB)	11.8	16.4	10.7	11.8

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



**Cable ID: 015**

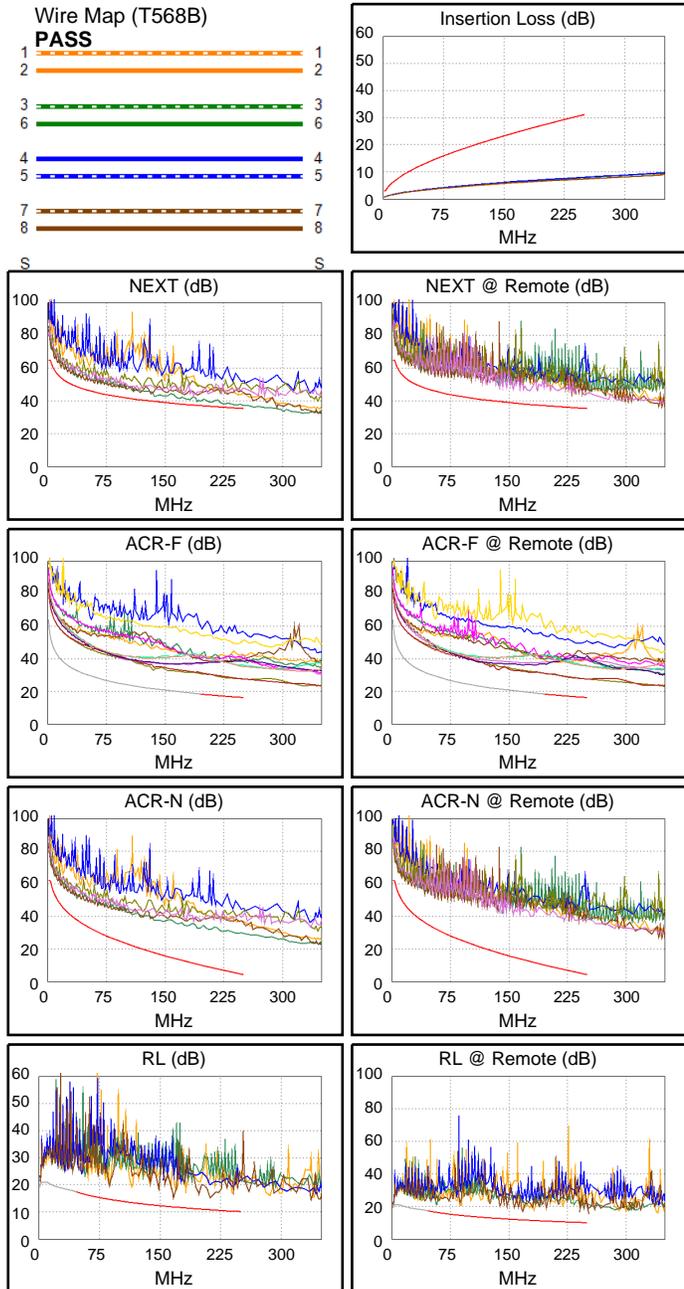
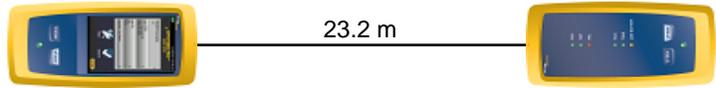
**Test Limit: TIA Cat 6 Perm. Link**  
 Limits Version: V7.6  
 Date / Time: 06/04/2022 17:34:58  
 Operator: SALADINO  
**Headroom 1.9 dB (NEXT 1,2-4,5)**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

Main: Versiv  
 S/N: 21470462  
 Software Version: V6.7 Build 1  
 Calibration Date: 05/10/2022  
 Adapter: DSX-5000 (DSX-PLA004)  
 S/N: 22152202

**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: 22152186

Length (m), Limit 90.0	[Pair 1,2]	23.2
Prop. Delay (ns), Limit 498	[Pair 4,5]	119
Delay Skew (ns), Limit 44	[Pair 4,5]	7
Resistance (ohms)	[Pair 4,5]	4.85
Insertion Loss Margin (dB)	[Pair 3,6]	23.2
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	31.1



**Worst Case Margin Worst Case Value**

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	4,5-7,8	1,2-4,5	4,5-7,8
<b>NEXT (dB)</b>	1.9	7.7	2.0	8.1
Freq. (MHz)	249.5	221.0	250.0	247.0
Limit (dB)	35.4	36.2	35.3	35.4
Worst Pair	4,5	4,5	4,5	4,5
<b>PS NEXT (dB)</b>	2.7	8.2	3.5	8.5
Freq. (MHz)	191.0	50.5	249.0	247.5
Limit (dB)	34.7	44.2	32.7	32.8

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
<b>ACR-F (dB)</b>	11.0	11.1	11.2	11.2
Freq. (MHz)	135.5	249.0	250.0	250.0
Limit (dB)	21.6	16.3	16.2	16.2
Worst Pair	4,5	3,6	4,5	3,6
<b>PS ACR-F (dB)</b>	13.1	13.0	13.2	13.6
Freq. (MHz)	249.0	136.0	250.0	249.0
Limit (dB)	13.3	18.5	13.2	13.3

<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-4,5	4,5-7,8
<b>ACR-N (dB)</b>	10.9	12.3	25.2	31.5
Freq. (MHz)	8.4	3.9	250.0	247.0
Limit (dB)	54.0	60.8	4.2	4.5
Worst Pair	4,5	3,6	4,5	4,5
<b>PS ACR-N (dB)</b>	11.2	12.7	26.6	31.5
Freq. (MHz)	4.5	3.9	249.0	247.5
Limit (dB)	57.3	58.5	1.7	1.9

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	7,8	7,8
<b>RL (dB)</b>	3.0	4.6	4.1	5.2
Freq. (MHz)	167.5	57.3	213.5	167.5
Limit (dB)	11.8	16.4	10.7	11.8

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



**Cable ID: 016**

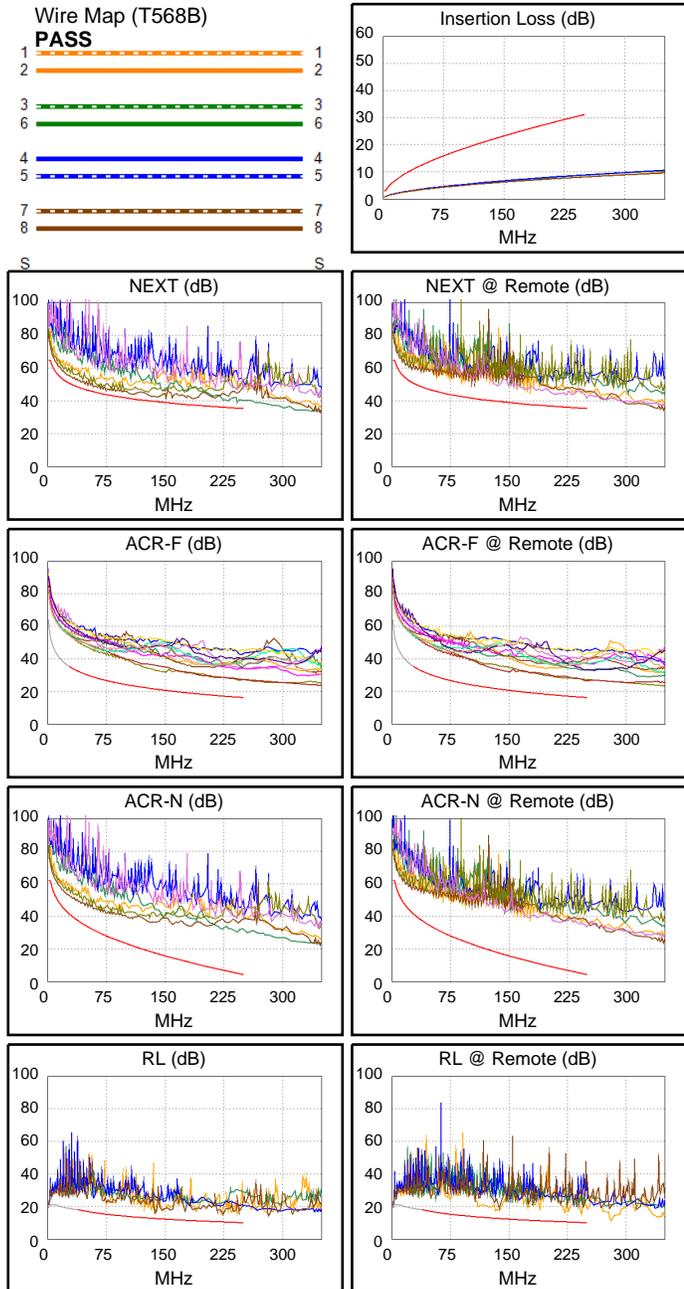
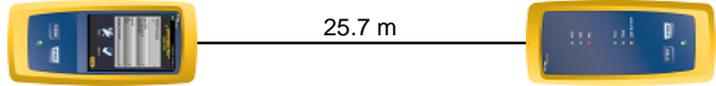
**Test Limit: TIA Cat 6 Perm. Link**  
 Limits Version: V7.6  
 Date / Time: 06/04/2022 17:46:49  
 Operator: SALADINO  
**Headroom 2.5 dB (NEXT 3,6-4,5)**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

Main: Versiv  
 S/N: 21470462  
 Software Version: V6.7 Build 1  
 Calibration Date: 05/10/2022  
 Adapter: DSX-5000 (DSX-PLA004)  
 S/N: 22152202

**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: 22152186

Length (m), Limit 90.0	[Pair 1,2]	25.7
Prop. Delay (ns), Limit 498	[Pair 4,5]	131
Delay Skew (ns), Limit 44	[Pair 4,5]	7
Resistance (ohms)	[Pair 4,5]	5.17
Insertion Loss Margin (dB)	[Pair 3,6]	22.4
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	31.1



**Worst Case Margin Worst Case Value**

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-7,8	1,2-4,5	4,5-7,8
<b>NEXT (dB)</b>	2.5	6.1	2.6	6.1
Freq. (MHz)	75.0	250.0	242.5	250.0
Limit (dB)	43.9	35.3	35.6	35.3
Worst Pair	3,6	4,5	4,5	4,5
<b>PS NEXT (dB)</b>	2.7	6.6	3.8	6.6
Freq. (MHz)	89.8	250.0	242.5	250.0
Limit (dB)	40.1	32.7	32.9	32.7

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
<b>ACR-F (dB)</b>	10.2	10.3	10.3	10.4
Freq. (MHz)	246.5	246.5	247.0	247.0
Limit (dB)	16.4	16.4	16.3	16.3
Worst Pair	4,5	3,6	4,5	3,6
<b>PS ACR-F (dB)</b>	12.5	12.3	12.6	12.3
Freq. (MHz)	246.5	247.0	247.0	247.0
Limit (dB)	13.4	13.3	13.3	13.3

<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-4,5	4,5-7,8
<b>ACR-N (dB)</b>	9.2	11.2	24.6	29.1
Freq. (MHz)	5.3	5.6	242.5	250.0
Limit (dB)	58.2	57.6	5.0	4.2
Worst Pair	3,6	3,6	4,5	4,5
<b>PS ACR-N (dB)</b>	8.8	10.4	25.7	29.0
Freq. (MHz)	6.0	6.5	242.5	250.0
Limit (dB)	54.7	54.0	2.4	1.6

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	1,2
<b>RL (dB)</b>	3.3	4.3	4.1	5.2
Freq. (MHz)	137.5	133.0	225.0	243.0
Limit (dB)	12.6	12.8	10.5	10.1

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



**Cable ID: 017**

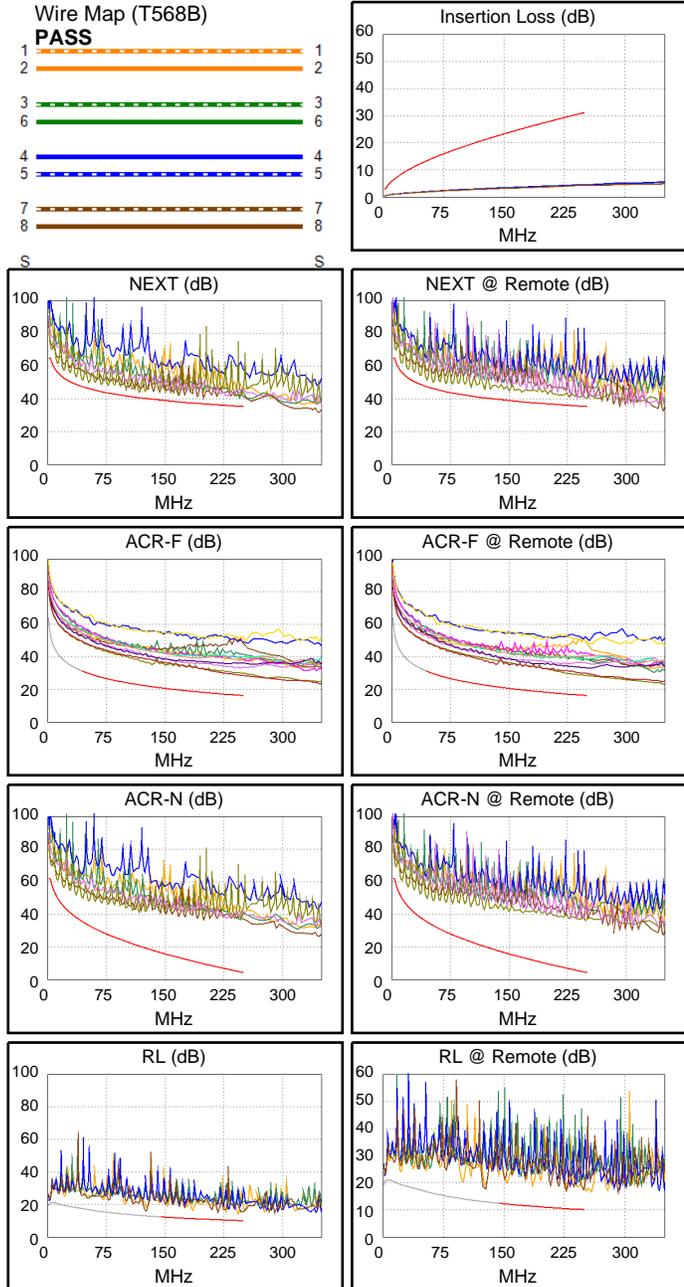
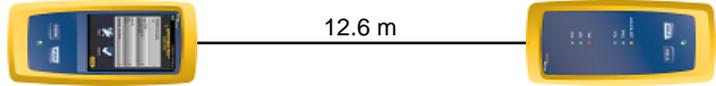
**Test Limit: TIA Cat 6 Perm. Link**  
 Limits Version: V7.6  
 Date / Time: 06/04/2022 16:45:04  
 Operator: SALADINO  
**Headroom 3.3 dB (NEXT 3,6-7,8)**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

Main: Versiv  
 S/N: 21470462  
 Software Version: V6.7 Build 1  
 Calibration Date: 05/10/2022  
 Adapter: DSX-5000 (DSX-PLA004)  
 S/N: 22152202

**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: 22152186

Length (m), Limit 90.0	[Pair 1,2]	12.6
Prop. Delay (ns), Limit 498	[Pair 4,5]	64
Delay Skew (ns), Limit 44	[Pair 3,6]	3
Resistance (ohms)	[Pair 4,5]	2.80
Insertion Loss Margin (dB)	[Pair 3,6]	26.6
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	31.1



**Worst Case Margin Worst Case Value**

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	1,2-4,5	3,6-7,8
<b>NEXT (dB)</b>	3.3	3.8	5.1	4.5
Freq. (MHz)	117.0	53.3	245.0	249.5
Limit (dB)	40.7	46.3	35.5	35.4
Worst Pair	3,6	4,5	4,5	4,5
<b>PS NEXT (dB)</b>	4.1	4.7	4.6	4.7
Freq. (MHz)	118.0	237.5	245.0	237.5
Limit (dB)	38.1	33.1	32.9	33.1

<b>PASS</b>	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>	12.2	12.3	12.3	12.4
Freq. (MHz)	249.0	249.0	250.0	250.0
Limit (dB)	16.3	16.3	16.2	16.2
Worst Pair	3,6	4,5	3,6	4,5
<b>PS ACR-F (dB)</b>	14.1	14.6	14.1	14.7
Freq. (MHz)	250.0	249.0	250.0	250.0
Limit (dB)	13.2	13.3	13.2	13.2

<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	1,2-4,5	3,6-7,8
<b>ACR-N (dB)</b>	9.9	10.1	31.5	31.3
Freq. (MHz)	3.9	4.1	245.0	249.5
Limit (dB)	60.8	60.3	4.7	4.3
Worst Pair	3,6	3,6	4,5	4,5
<b>PS ACR-N (dB)</b>	10.3	11.0	31.0	30.5
Freq. (MHz)	4.0	4.5	245.0	237.5
Limit (dB)	58.3	57.3	2.1	2.9

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
<b>RL (dB)</b>	3.1	4.2	4.2	6.6
Freq. (MHz)	125.5	126.5	248.0	227.5
Limit (dB)	13.0	13.0	10.1	10.4

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



**Cable ID: 018**

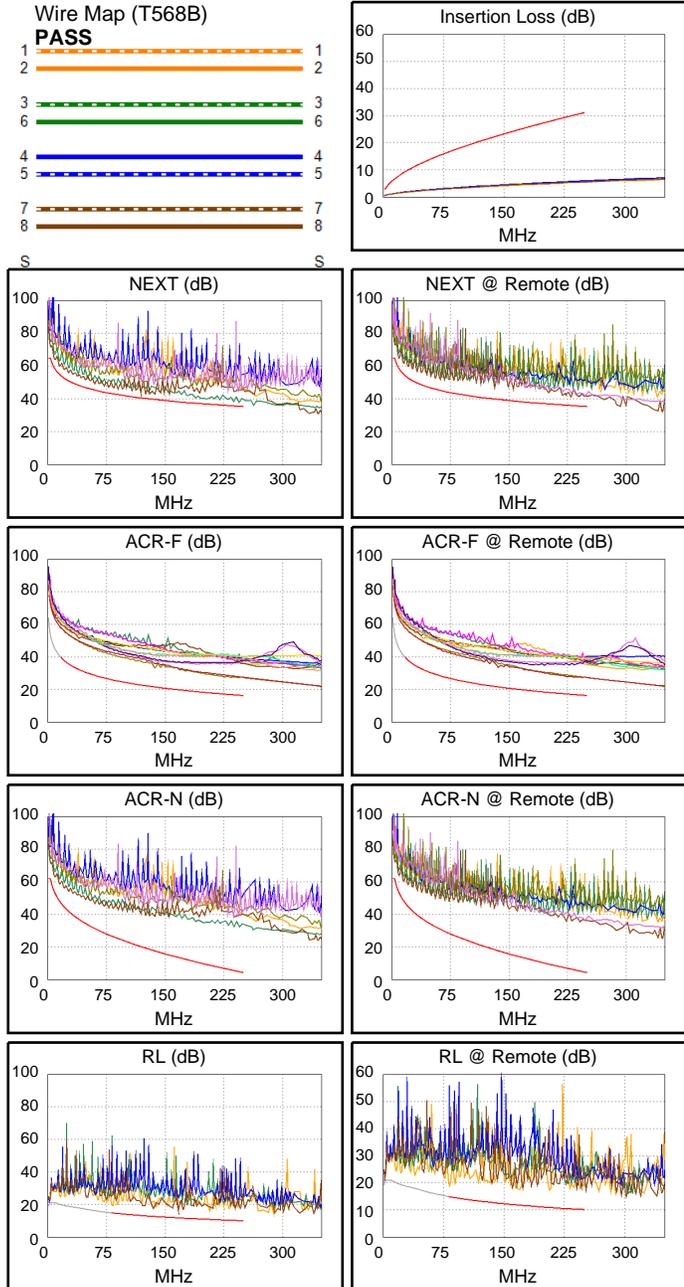
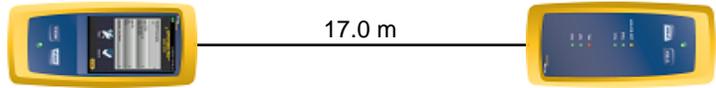
**Test Limit: TIA Cat 6 Perm. Link**  
 Limits Version: V7.6  
 Date / Time: 06/04/2022 17:06:53  
 Operator: SALADINO  
**Headroom 2.1 dB (NEXT 3,6-4,5)**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

Main: Versiv  
 S/N: 21470462  
 Software Version: V6.7 Build 1  
 Calibration Date: 05/10/2022  
 Adapter: DSX-5000 (DSX-PLA004)  
 S/N: 22152202

**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: 22152186

Length (m), Limit 90.0	[Pair 1,2]	17.0
Prop. Delay (ns), Limit 498	[Pair 4,5]	87
Delay Skew (ns), Limit 44	[Pair 4,5]	5
Resistance (ohms)	[Pair 4,5]	3.52
Insertion Loss Margin (dB)	[Pair 4,5]	25.2
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	31.1



**Worst Case Margin Worst Case Value**

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-4,5	3,6-4,5
<b>NEXT (dB)</b>	2.1	5.0	2.5	5.0
Freq. (MHz)	131.0	224.0	250.0	224.0
Limit (dB)	39.9	36.1	35.3	36.1
Worst Pair	4,5	4,5	4,5	4,5
<b>PS NEXT (dB)</b>	2.6	5.7	3.8	5.7
Freq. (MHz)	130.5	249.0	250.0	249.0
Limit (dB)	37.4	32.7	32.7	32.7

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
<b>ACR-F (dB)</b>	10.6	10.5	11.0	11.1
Freq. (MHz)	234.5	227.0	250.0	250.0
Limit (dB)	16.8	17.1	16.2	16.2
Worst Pair	4,5	3,6	4,5	3,6
<b>PS ACR-F (dB)</b>	13.1	12.6	13.4	12.8
Freq. (MHz)	234.5	233.5	249.5	245.5
Limit (dB)	13.8	13.8	13.2	13.4

<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-4,5	3,6-4,5
<b>ACR-N (dB)</b>	9.7	10.4	27.7	30.8
Freq. (MHz)	8.8	8.4	250.0	246.0
Limit (dB)	53.6	54.0	4.2	4.6
Worst Pair	4,5	4,5	4,5	4,5
<b>PS ACR-N (dB)</b>	10.2	11.1	29.0	30.9
Freq. (MHz)	9.0	8.6	250.0	249.0
Limit (dB)	51.0	51.4	1.6	1.7

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	1,2
<b>RL (dB)</b>	4.0	3.9	5.0	5.2
Freq. (MHz)	83.0	82.8	207.5	171.0
Limit (dB)	14.8	14.8	10.8	11.7

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



**Cable ID: 019**

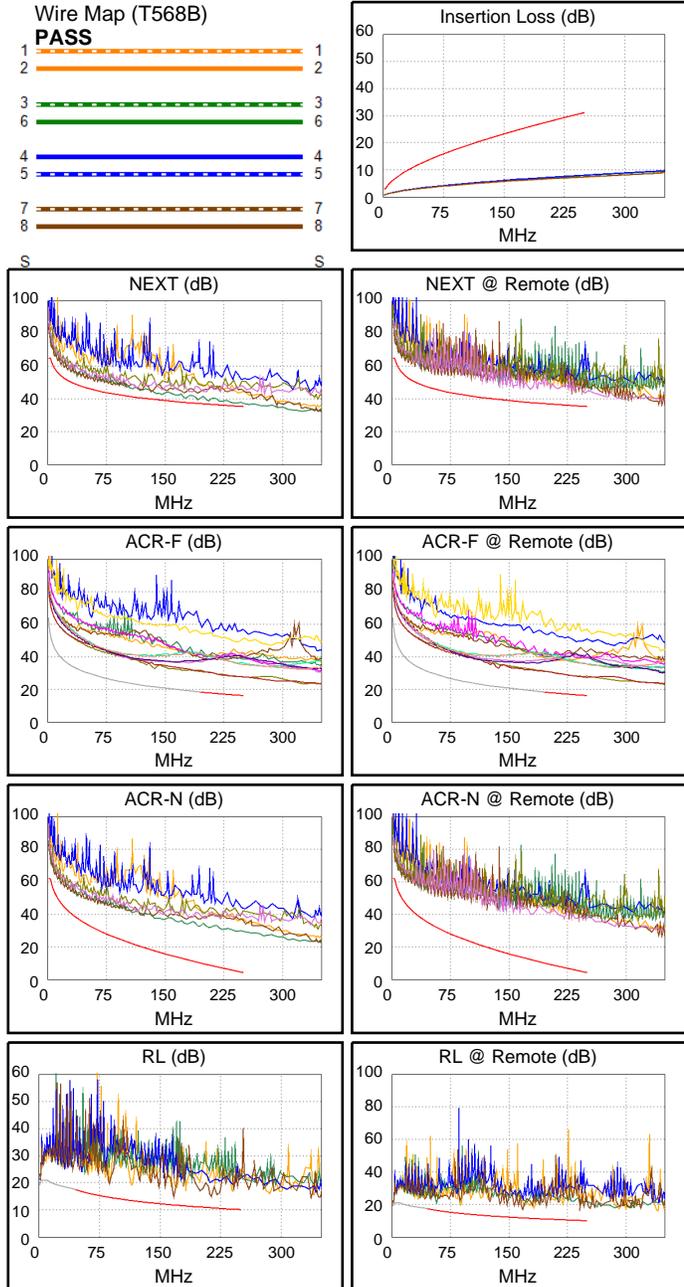
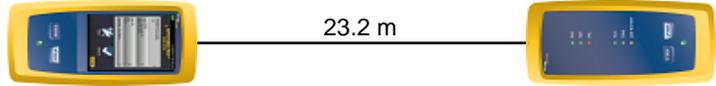
**Test Limit: TIA Cat 6 Perm. Link**  
 Limits Version: V7.6  
 Date / Time: 06/04/2022 17:35:12  
 Operator: SALADINO  
**Headroom 1.9 dB (NEXT 1,2-4,5)**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

Main: Versiv  
 S/N: 21470462  
 Software Version: V6.7 Build 1  
 Calibration Date: 05/10/2022  
 Adapter: DSX-5000 (DSX-PLA004)  
 S/N: 22152202

**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: 22152186

Length (m), Limit 90.0	[Pair 1,2]	23.2
Prop. Delay (ns), Limit 498	[Pair 4,5]	119
Delay Skew (ns), Limit 44	[Pair 4,5]	7
Resistance (ohms)	[Pair 4,5]	4.82
Insertion Loss Margin (dB)	[Pair 3,6]	23.2
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	31.1



**Worst Case Margin Worst Case Value**

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	4,5-7,8	1,2-4,5	4,5-7,8
<b>NEXT (dB)</b>	1.9	7.7	2.0	8.1
Freq. (MHz)	249.5	221.0	250.0	247.0
Limit (dB)	35.4	36.2	35.3	35.4
Worst Pair	4,5	4,5	4,5	4,5
<b>PS NEXT (dB)</b>	2.7	8.1	3.5	8.5
Freq. (MHz)	191.0	50.5	249.0	247.5
Limit (dB)	34.7	44.2	32.7	32.8

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
<b>ACR-F (dB)</b>	11.0	11.1	11.2	11.2
Freq. (MHz)	135.5	249.0	250.0	250.0
Limit (dB)	21.6	16.3	16.2	16.2
Worst Pair	4,5	3,6	4,5	3,6
<b>PS ACR-F (dB)</b>	13.1	12.9	13.2	13.6
Freq. (MHz)	249.0	135.5	250.0	249.0
Limit (dB)	13.3	18.6	13.2	13.3

<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-4,5	4,5-7,8
<b>ACR-N (dB)</b>	11.0	12.4	25.2	31.5
Freq. (MHz)	4.0	3.9	250.0	247.0
Limit (dB)	60.6	60.8	4.2	4.5
Worst Pair	4,5	4,5	4,5	4,5
<b>PS ACR-N (dB)</b>	11.2	12.8	26.6	31.5
Freq. (MHz)	4.4	4.3	249.0	247.5
Limit (dB)	57.5	57.8	1.7	1.9

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	7,8	7,8
<b>RL (dB)</b>	3.0	4.6	3.0	5.2
Freq. (MHz)	167.5	57.3	167.5	167.5
Limit (dB)	11.8	16.4	11.8	11.8

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



**Cable ID: 020**

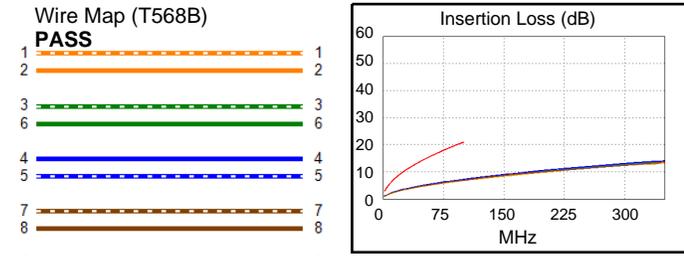
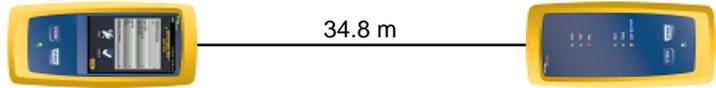
**Test Limit: TIA Cat 5e Perm. Link**  
 Limits Version: V7.6  
 Date / Time: 06/02/2022 17:52:08  
 Operator: SALADINO  
**Headroom 14.6 dB (NEXT 3,6-7,8)**  
 Cable Type: Cat 5e U/UTP  
 NVP: 69.0%

Main: Versiv  
 S/N: 21470462  
 Software Version: V6.7 Build 1  
 Calibration Date: 05/10/2022  
 Adapter: DSX-5000 (DSX-PLA004)  
 S/N: 22152202

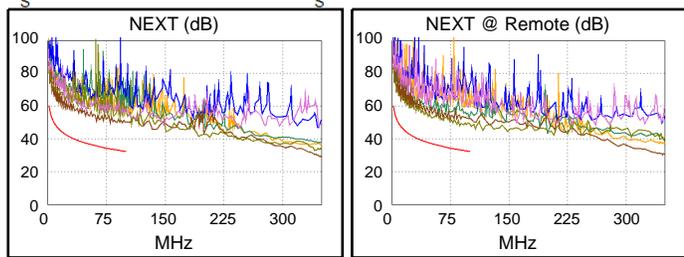
**Test Summary: PASS**

Remote: Versiv  
 S/N: 21470244  
 Software Version: V6.7 Build 1  
 Calibration Date: 05/10/2022  
 Adapter: DSX-5000R (DSX-PLA004)  
 S/N: 22152186

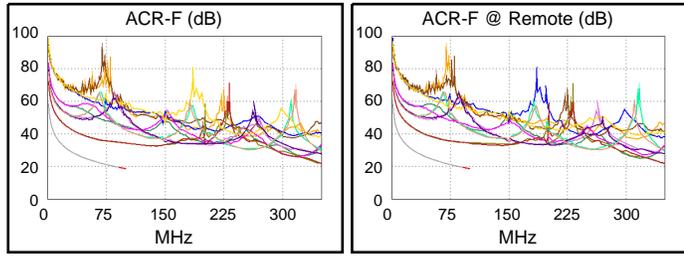
Length (m), Limit 90.0	[Pair 1,2]	34.8
Prop. Delay (ns), Limit 498	[Pair 4,5]	177
Delay Skew (ns), Limit 44	[Pair 4,5]	9
Resistance (ohms)	[Pair 4,5]	6.86
Insertion Loss Margin (dB)	[Pair 4,5]	13.8
Frequency (MHz)	[Pair 4,5]	100.0
Limit (dB)	[Pair 4,5]	21.0



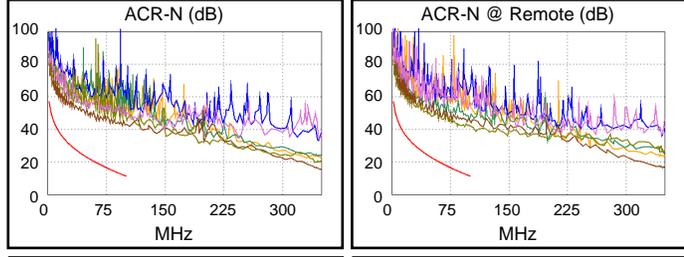
	Worst Case Margin		Worst Case Value	
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-7,8	3,6-4,5	3,6-7,8
<b>NEXT (dB)</b>	15.1	14.6	16.6	14.9
Freq. (MHz)	11.1	87.0	95.0	92.8
Limit (dB)	47.8	33.3	32.7	32.8
Worst Pair	3,6	3,6	3,6	3,6
<b>PS NEXT (dB)</b>	17.3	16.4	17.9	16.6
Freq. (MHz)	62.5	59.8	92.5	92.8
Limit (dB)	32.7	33.0	29.9	29.8



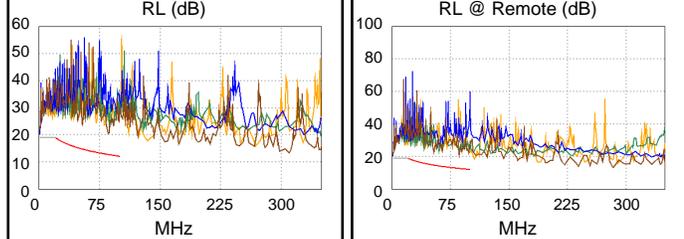
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
<b>ACR-F (dB)</b>	13.5	13.5	15.5	15.2
Freq. (MHz)	22.0	42.3	99.8	99.5
Limit (dB)	31.8	26.1	18.6	18.7
Worst Pair	4,5	4,5	4,5	4,5
<b>PS ACR-F (dB)</b>	15.3	15.4	17.6	17.2
Freq. (MHz)	6.0	9.9	99.8	99.5
Limit (dB)	40.1	35.7	15.6	15.7



<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-7,8
<b>ACR-N (dB)</b>	19.0	19.4	30.0	28.4
Freq. (MHz)	8.4	8.4	95.0	92.8
Limit (dB)	44.1	44.1	12.3	12.7
Worst Pair	3,6	3,6	3,6	3,6
<b>PS ACR-N (dB)</b>	20.6	20.1	32.4	30.0
Freq. (MHz)	5.6	8.4	98.5	92.8
Limit (dB)	44.8	41.1	8.6	9.7



<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
<b>RL (dB)</b>	6.8	7.9	6.8	8.0
Freq. (MHz)	86.3	86.3	86.3	86.5
Limit (dB)	12.7	12.7	12.7	12.6



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



**Cable ID: 021**

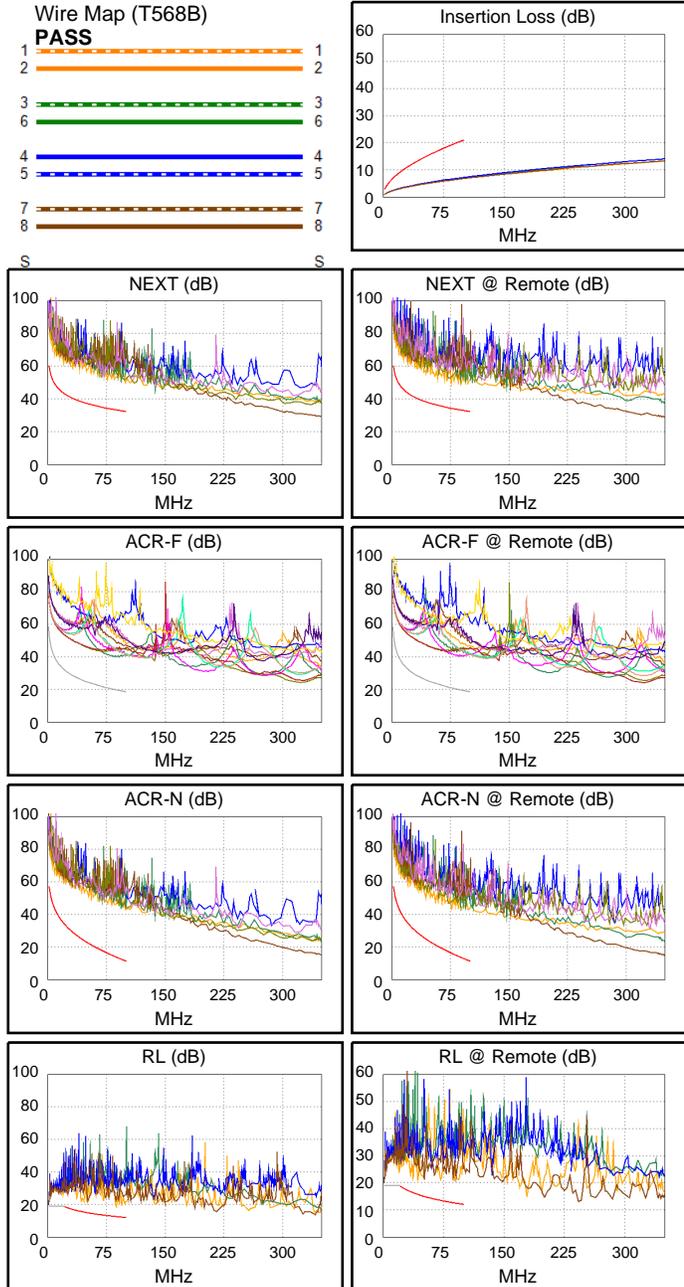
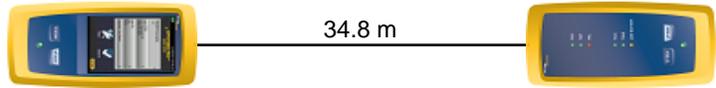
**Test Limit: TIA Cat 5e Perm. Link**  
 Limits Version: V7.6  
 Date / Time: 06/02/2022 17:36:34  
 Operator: SALADINO  
**Headroom 15.1 dB (NEXT 1,2-3,6)**  
 Cable Type: Cat 5e U/UTP  
 NVP: 69.0%

Main: Versiv  
 S/N: 21470462  
 Software Version: V6.7 Build 1  
 Calibration Date: 05/10/2022  
 Adapter: DSX-5000 (DSX-PLA004)  
 S/N: 22152202

**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: 22152186

Length (m), Limit 90.0	[Pair 1,2]	34.8
Prop. Delay (ns), Limit 498	[Pair 4,5]	178
Delay Skew (ns), Limit 44	[Pair 4,5]	10
Resistance (ohms)	[Pair 4,5]	6.79
Insertion Loss Margin (dB)	[Pair 4,5]	13.9
Frequency (MHz)	[Pair 4,5]	100.0
Limit (dB)	[Pair 4,5]	21.0



**Worst Case Margin Worst Case Value**

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
<b>NEXT (dB)</b>	17.3	15.1	17.5	16.5
Freq. (MHz)	76.0	76.3	99.3	100.0
Limit (dB)	34.3	34.2	32.4	32.3
Worst Pair	3,6	3,6	3,6	1,2
<b>PS NEXT (dB)</b>	17.7	16.7	17.7	16.9
Freq. (MHz)	99.3	76.3	99.3	88.3
Limit (dB)	29.4	31.2	29.4	30.2

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	4,5-1,2	1,2-4,5	4,5-1,2
<b>ACR-F (dB)</b>	20.0	20.4	20.6	21.0
Freq. (MHz)	85.5	85.5	91.8	91.8
Limit (dB)	20.0	20.0	19.4	19.4
Worst Pair	4,5	4,5	4,5	4,5
<b>PS ACR-F (dB)</b>	19.4	19.3	21.2	22.0
Freq. (MHz)	2.9	1.1	94.8	98.5
Limit (dB)	46.4	54.6	16.1	15.7

<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
<b>ACR-N (dB)</b>	21.9	21.2	31.4	30.5
Freq. (MHz)	8.8	2.8	99.3	100.0
Limit (dB)	43.6	54.0	11.5	11.3
Worst Pair	3,6	3,6	3,6	1,2
<b>PS ACR-N (dB)</b>	23.2	22.6	31.6	32.4
Freq. (MHz)	2.9	2.8	99.3	100.0
Limit (dB)	50.7	51.0	8.5	8.3

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	1,2
<b>RL (dB)</b>	5.8	5.4	6.2	7.0
Freq. (MHz)	43.3	43.3	87.8	87.5
Limit (dB)	15.7	15.7	12.6	12.6

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



**Cable ID: 022**

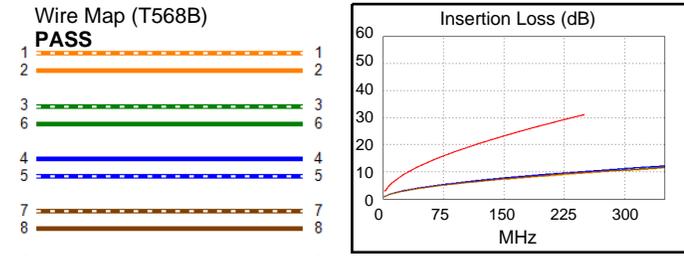
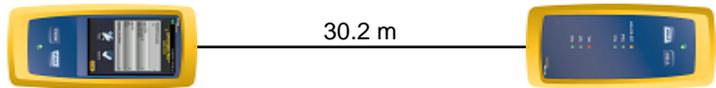
**Test Limit: TIA Cat 6 Perm. Link**  
 Limits Version: V7.6  
 Date / Time: 06/04/2022 18:07:55  
 Operator: SALADINO  
**Headroom 3.9 dB (NEXT 3,6-4,5)**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

Main: Versiv  
 S/N: 21470462  
 Software Version: V6.7 Build 1  
 Calibration Date: 05/10/2022  
 Adapter: DSX-5000 (DSX-PLA004)  
 S/N: 22152202

**Test Summary: PASS**

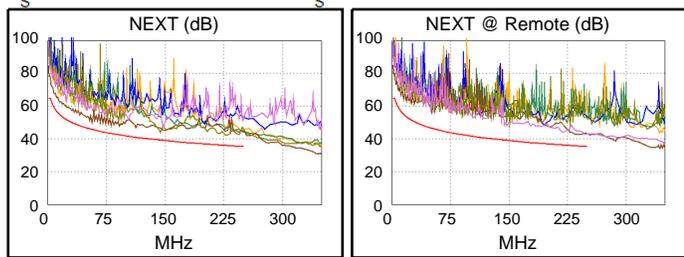
Remote: Versiv  
 S/N: 21470244  
 Software Version: V6.7 Build 1  
 Calibration Date: 05/10/2022  
 Adapter: DSX-5000R (DSX-PLA004)  
 S/N: 22152186

Length (m), Limit 90.0	[Pair 1,2]	30.2
Prop. Delay (ns), Limit 498	[Pair 4,5]	154
Delay Skew (ns), Limit 44	[Pair 4,5]	8
Resistance (ohms)	[Pair 4,5]	6.04
Insertion Loss Margin (dB)	[Pair 3,6]	21.1
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	31.1

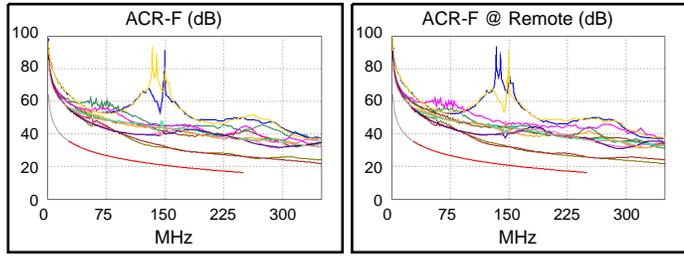


Worst Case Margin Worst Case Value

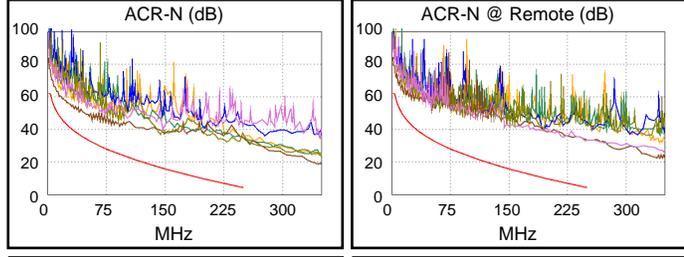
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-7,8	3,6-4,5
<b>NEXT (dB)</b>	3.9	7.0	5.6	7.3
Freq. (MHz)	57.0	237.5	229.0	247.0
Limit (dB)	45.8	35.7	36.0	35.4
Worst Pair	3,6	4,5	3,6	4,5
<b>PS NEXT (dB)</b>	5.6	6.9	6.6	6.9
Freq. (MHz)	144.5	247.5	246.5	247.5
Limit (dB)	36.7	32.8	32.8	32.8



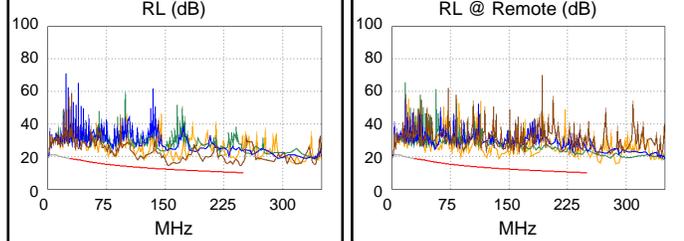
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	4,5-3,6	3,6-4,5
<b>ACR-F (dB)</b>	9.2	9.2	9.2	9.2
Freq. (MHz)	250.0	250.0	250.0	250.0
Limit (dB)	16.2	16.2	16.2	16.2
Worst Pair	3,6	4,5	3,6	4,5
<b>PS ACR-F (dB)</b>	11.6	11.8	11.7	11.8
Freq. (MHz)	246.0	250.0	250.0	250.0
Limit (dB)	13.4	13.2	13.2	13.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-7,8	3,6-4,5
<b>ACR-N (dB)</b>	11.6	12.9	26.0	28.2
Freq. (MHz)	7.8	4.9	229.0	247.0
Limit (dB)	54.7	58.9	6.4	4.5
Worst Pair	4,5	4,5	3,6	4,5
<b>PS ACR-N (dB)</b>	13.2	14.8	27.5	27.8
Freq. (MHz)	4.6	4.9	246.5	247.5
Limit (dB)	57.0	56.6	2.0	1.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	1,2
<b>RL (dB)</b>	1.6	4.7	1.6	4.7
Freq. (MHz)	156.0	122.5	156.0	122.5
Limit (dB)	12.1	13.1	12.1	13.1



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



**Cable ID: 023**

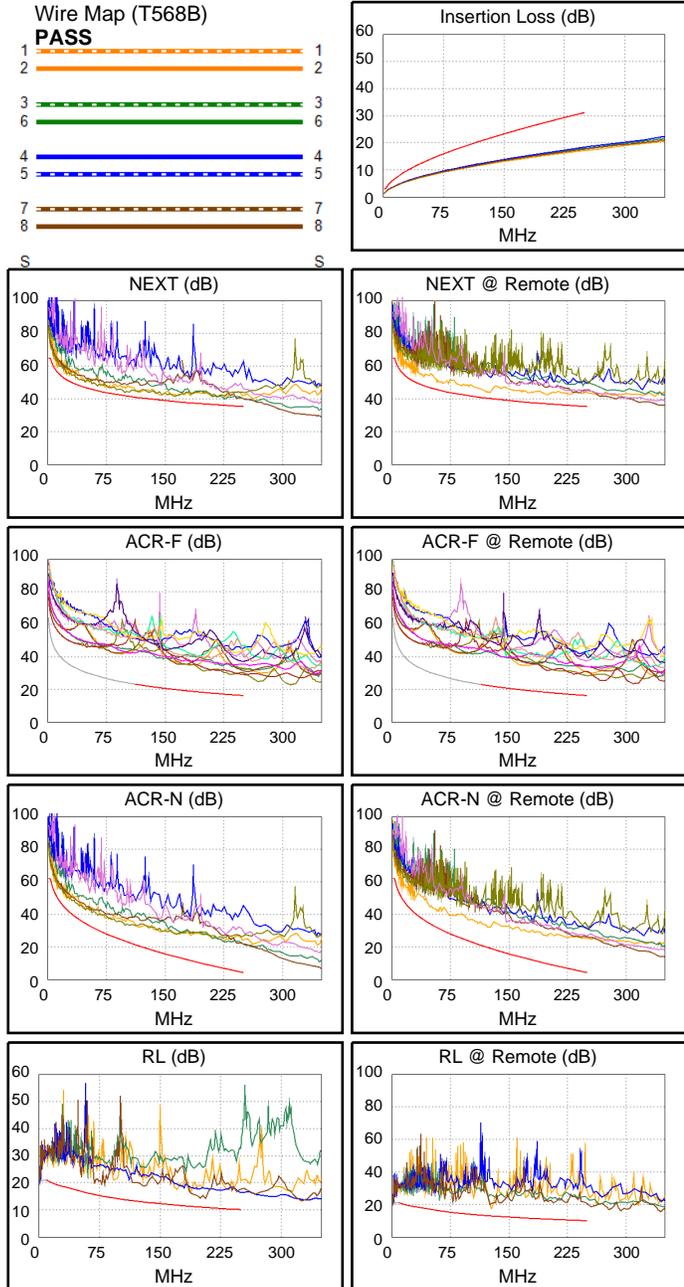
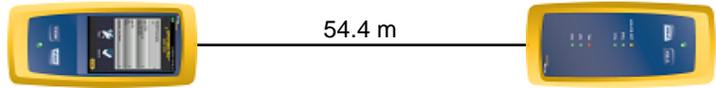
**Test Limit: TIA Cat 6 Perm. Link**  
 Limits Version: V7.6  
 Date / Time: 06/04/2022 18:04:48  
 Operator: SALADINO  
**Headroom 1.9 dB (NEXT 3,6-7,8)**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

Main: Versiv  
 S/N: 21470462  
 Software Version: V6.7 Build 1  
 Calibration Date: 05/10/2022  
 Adapter: DSX-5000 (DSX-PLA004)  
 S/N: 22152202

**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: 22152186

Length (m), Limit 90.0	[Pair 1,2]	54.4
Prop. Delay (ns), Limit 498	[Pair 4,5]	278
Delay Skew (ns), Limit 44	[Pair 4,5]	15
Resistance (ohms)	[Pair 4,5]	10.64
Insertion Loss Margin (dB)	[Pair 4,5]	12.7
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	31.1



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	3,6-4,5	1,2-3,6
<b>NEXT (dB)</b>	1.9	3.8	4.6	5.6
Freq. (MHz)	98.3	125.5	250.0	208.0
Limit (dB)	42.0	40.2	35.3	36.6
Worst Pair	3,6	1,2	4,5	3,6
<b>PS NEXT (dB)</b>	1.9	5.6	3.9	7.5
Freq. (MHz)	48.3	125.5	250.0	250.0
Limit (dB)	44.5	37.7	32.7	32.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
<b>ACR-F (dB)</b>	12.3	12.2	12.3	12.2
Freq. (MHz)	233.0	249.0	233.0	249.0
Limit (dB)	16.8	16.3	16.8	16.3
Worst Pair	3,6	3,6	3,6	4,5
<b>PS ACR-F (dB)</b>	13.9	13.9	14.0	14.1
Freq. (MHz)	249.0	1.4	250.0	248.5
Limit (dB)	13.3	58.4	13.2	13.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-4,5	1,2-3,6
<b>ACR-N (dB)</b>	6.6	7.3	17.3	20.9
Freq. (MHz)	13.0	15.0	250.0	250.0
Limit (dB)	49.7	48.2	4.2	4.2
Worst Pair	3,6	3,6	4,5	3,6
<b>PS ACR-N (dB)</b>	6.0	8.6	16.6	20.7
Freq. (MHz)	20.4	3.8	250.0	250.0
Limit (dB)	42.6	58.6	1.6	1.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	1,2
<b>RL (dB)</b>	3.1	4.1	3.2	4.1
Freq. (MHz)	199.0	128.5	205.5	128.5
Limit (dB)	11.0	12.9	10.9	12.9

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



**Cable ID: 024**

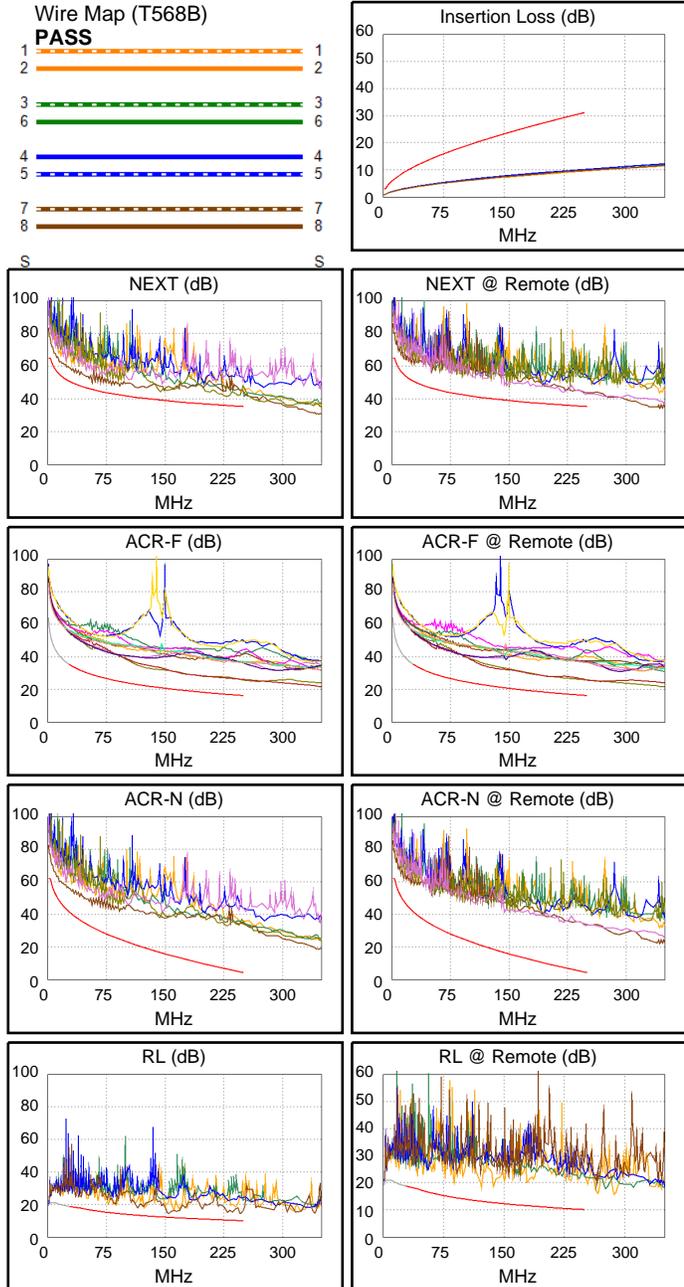
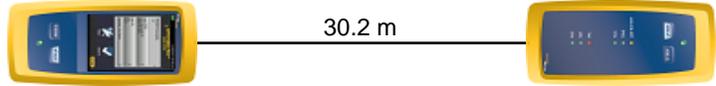
**Test Limit: TIA Cat 6 Perm. Link**  
Limits Version: V7.6  
Date / Time: 06/04/2022 18:07:22  
Operator: SALADINO  
**Headroom 4.0 dB (NEXT 3,6-4,5)**  
Cable Type: Cat 6 U/UTP  
NVP: 69.0%

Main: Versiv  
S/N: 21470462  
Software Version: V6.7 Build 1  
Calibration Date: 05/10/2022  
Adapter: DSX-5000 (DSX-PLA004)  
S/N: 22152202

**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: 22152186

Length (m), Limit 90.0	[Pair 1,2]	30.2
Prop. Delay (ns), Limit 498	[Pair 4,5]	154
Delay Skew (ns), Limit 44	[Pair 4,5]	8
Resistance (ohms)	[Pair 4,5]	6.00
Insertion Loss Margin (dB)	[Pair 3,6]	21.1
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	31.1



**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	3,6-4,5
<b>NEXT (dB)</b>	4.0	7.0	5.5	7.0
Freq. (MHz)	57.0	237.5	229.0	237.5
Limit (dB)	45.8	35.7	36.0	35.7
Worst Pair	3,6	4,5	3,6	4,5
<b>PS NEXT (dB)</b>	5.7	6.9	6.5	6.9
Freq. (MHz)	144.5	247.5	246.0	247.5
Limit (dB)	36.7	32.8	32.8	32.8

<b>PASS</b>	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>	9.2	9.2	9.2	9.2
Freq. (MHz)	250.0	250.0	250.0	250.0
Limit (dB)	16.2	16.2	16.2	16.2
Worst Pair	3,6	4,5	3,6	4,5
<b>PS ACR-F (dB)</b>	11.7	11.8	11.7	11.8
Freq. (MHz)	250.0	250.0	250.0	250.0
Limit (dB)	13.2	13.2	13.2	13.2

<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-7,8	3,6-4,5
<b>ACR-N (dB)</b>	11.8	13.3	25.8	28.3
Freq. (MHz)	8.1	8.1	229.0	247.5
Limit (dB)	54.3	54.3	6.4	4.5
Worst Pair	3,6	4,5	3,6	4,5
<b>PS ACR-N (dB)</b>	13.4	15.1	27.4	27.8
Freq. (MHz)	7.6	5.0	246.0	247.5
Limit (dB)	52.5	56.3	2.0	1.9

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	1,2
<b>RL (dB)</b>	1.6	4.7	1.6	4.7
Freq. (MHz)	156.0	122.5	156.0	122.5
Limit (dB)	12.1	13.1	12.1	13.1

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