Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
[9M1]9A.RO2.02:27	PASS	TIA Cat 6A Perm. Link	71 ft	4.0 dB (NEXT)	05/24/2022 02:37 PM
[9M1]9A.RO2.02:28	PASS	TIA Cat 6A Perm. Link	71 ft	5.2 dB (NEXT)	05/24/2022 02:39 PM

Total Length:	142 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: [9M1]9A.RO2.02:27

Test Limit: TIA Cat 6A Perm. Link
Limits Version: V7.6
Date / Time: 05/24/2022 02:37:35 PM
Operator: BILLY MOORE
Headroom 4.0 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: 07/15/2021
  Adapter: DSX-5000 (DSX-PLA004)
  S/N: 4537097

Test Summary: PASS

Remote: Versiv
  S/N: 19140167
  Software Version: V6.7 Build 1
  Calibration Date: 07/15/2021
  Adapter: DSX-5000R (DSX-PLA004)
  S/N: 4537098

Length (ft), Limit 295	[Pair 1,2]	71
Prop. Delay (ns), Limit 498	[Pair 4,5]	115
Delay Skew (ns), Limit 44	[Pair 4,5]	9
Resistance (ohms)	[Pair 3,6]	3.56
Insertion Loss Margin (dB)	[Pair 3,6]	30.5
Frequency (MHz)	[Pair 3,6]	500.0
Limit (dB)	[Pair 3,6]	43.8
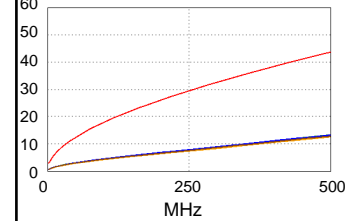
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	3,6-4,5	1,2-3,6
NEXT (dB)	4.0	4.3	9.9	6.2
Freq. (MHz)	58.0	39.8	465.0	405.0
Limit (dB)	45.7	48.3	27.7	29.7
Worst Pair	7,8	7,8	4,5	3,6
PS NEXT (dB)	5.4	5.9	10.5	8.5
Freq. (MHz)	58.0	39.8	488.0	473.0
Limit (dB)	43.2	45.9	24.1	24.6
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	7,8-4,5	7,8-4,5	4,5-7,8
ACR-F (dB)	15.2	14.9	16.6	16.9
Freq. (MHz)	352.0	362.0	472.0	472.0
Limit (dB)	13.3	13.0	10.7	10.7
Worst Pair	4,5	4,5	4,5	7,8
PS ACR-F (dB)	16.5	16.4	18.8	18.1
Freq. (MHz)	1.1	348.0	472.0	476.0
Limit (dB)	60.2	10.4	7.7	7.6
N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	1,2-3,6
ACR-N (dB)	12.0	11.4	40.9	40.1
Freq. (MHz)	3.9	4.4	488.0	485.0
Limit (dB)	60.8	59.8	-16.1	-15.9
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-N (dB)	12.2	11.9	40.7	38.1
Freq. (MHz)	3.9	4.4	488.0	473.0
Limit (dB)	58.5	57.5	-19.0	-17.8
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	7,8	1,2	4,5
RL (dB)	7.5	8.9	7.5	9.7
Freq. (MHz)	500.0	55.0	500.0	469.0
Limit (dB)	8.0	16.6	8.0	8.0
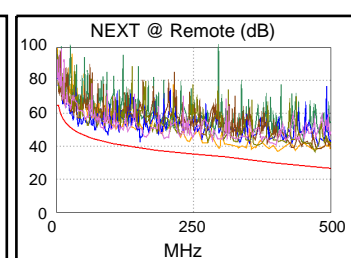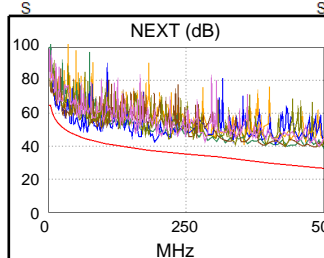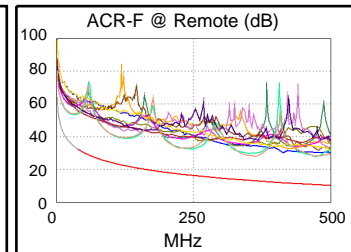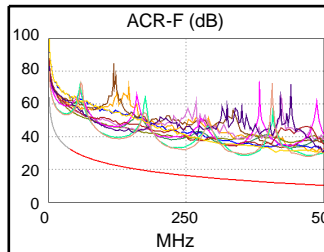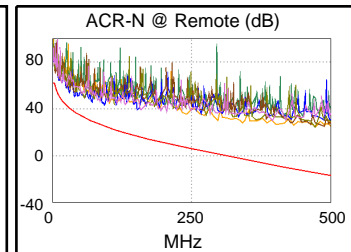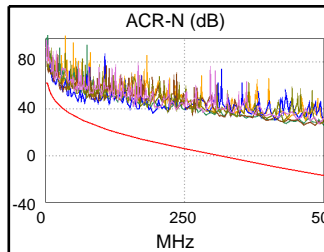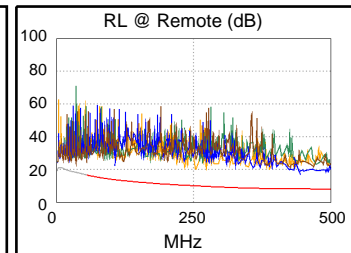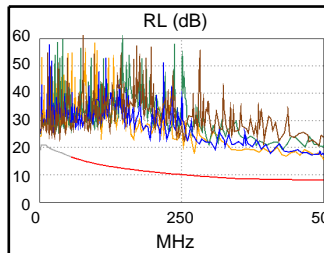
Compliant Network Standards:

|		
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	

71 ft

Wire Map (T568B)
PASS

Insertion Loss (dB)

NEXT (dB)

NEXT @ Remote (dB)

ACR-F (dB)

ACR-F @ Remote (dB)

ACR-N (dB)

ACR-N @ Remote (dB)

RL (dB)

RL @ Remote (dB)

LinkWare™ PC Version 10.8.1

FLUKE networks

LinkWare™ PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: [9M1]9A.RO2.02:28   **Test Summary: PASS**

Test Limit: TIA Cat 6A Perm. Link
Limits Version: V7.6
Date / Time: 05/24/2022 02:39:30 PM
Operator: BILLY MOORE
Headroom 5.2 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: 07/15/2021
  Adapter: DSX-5000 (DSX-PLA004)
  S/N: 4537097

Remote: Versiv
  S/N: 19140167
  Software Version: V6.7 Build 1
  Calibration Date: 07/15/2021
  Adapter: DSX-5000R (DSX-PLA004)
  S/N: 4537098

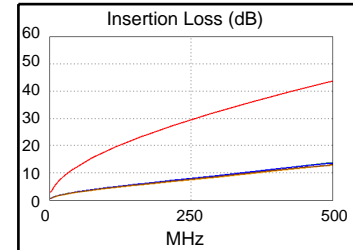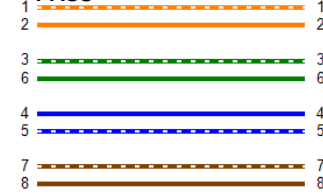|		
Length (ft), Limit 295	[Pair 1,2]	71
Prop. Delay (ns), Limit 498	[Pair 4,5]	113
Delay Skew (ns), Limit 44	[Pair 4,5]	8
Resistance (ohms)	[Pair 3,6]	3.52
Insertion Loss Margin (dB)	[Pair 3,6]	30.1
Frequency (MHz)	[Pair 3,6]	500.0
Limit (dB)	[Pair 3,6]	43.8

71 ft

Wire Map (T568B)
PASS

Insertion Loss (dB)

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-7,8	3,6-7,8	3,6-7,8
NEXT (dB)	6.4	5.2	9.4	8.9
Freq. (MHz)	276.0	231.5	472.0	437.0
Limit (dB)	34.6	35.9	27.5	28.6
Worst Pair	3,6	1,2	3,6	3,6
PS NEXT (dB)	6.5	5.4	8.1	9.8
Freq. (MHz)	289.0	299.0	473.0	433.0
Limit (dB)	31.7	31.4	24.6	25.9
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	17.8	17.8	18.2	18.0
Freq. (MHz)	413.0	413.0	477.0	477.0
Limit (dB)	11.9	11.9	10.6	10.6
Worst Pair	4,5	3,6	4,5	3,6
PS ACR-F (dB)	18.9	19.5	18.9	20.8
Freq. (MHz)	463.0	413.0	463.0	477.0
Limit (dB)	7.9	8.9	7.9	7.6
N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-7,8	1,2-3,6	1,2-4,5
ACR-N (dB)	14.0	12.8	39.0	42.3
Freq. (MHz)	3.6	12.0	478.0	496.0
Limit (dB)	61.4	50.5	-15.3	-16.8
Worst Pair	4,5	3,6	3,6	3,6
PS ACR-N (dB)	14.1	14.3	37.3	41.2
Freq. (MHz)	26.3	13.1	473.0	483.0
Limit (dB)	39.8	47.3	-17.8	-18.6
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	4,5
RL (dB)	8.5	6.7	12.7	9.6
Freq. (MHz)	63.8	55.0	429.0	479.0
Limit (dB)	16.0	16.6	8.0	8.0
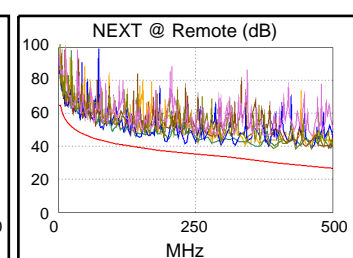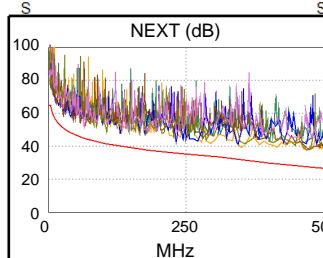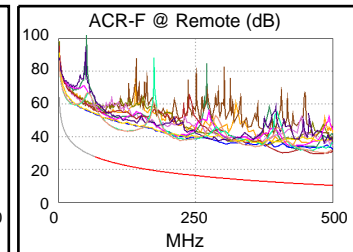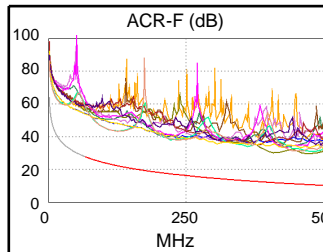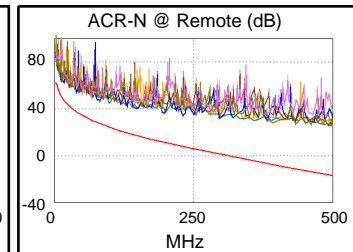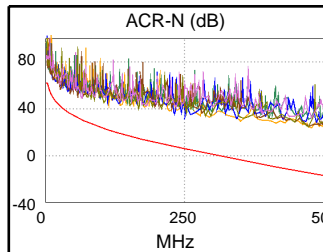
Compliant Network Standards:

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	

NEXT (dB)

NEXT @ Remote (dB)

ACR-F (dB)

ACR-F @ Remote (dB)

ACR-N (dB)

ACR-N @ Remote (dB)

RL (dB)

RL @ Remote (dB)

LinkWare™ PC Version 10.8.1

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