Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
1A.RO1.45:32	PASS	TIA Cat 6A Perm. Link	78 ft	4.3 dB (NEXT)	10/26/2022 11:24 AM
1A.RO1.45:33	PASS	TIA Cat 6A Perm. Link	78 ft	5.6 dB (NEXT)	10/26/2022 11:25 AM

FLUKE
networks.

Total Length:	156 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.RO1.45:32

Test Summary: PASS

Test Limit: TIA Cat 6A Perm. Link
Limits Version: V7.6
Date / Time: 10/26/2022 11:24:35 AM
Operator: BILLY MOORE
Headroom 4.3 dB (NEXT 1,2-3,6)
Cable Type: Cat 6A U/UTP
NVP: 68.2%

Main: Versiv
  S/N: 3491268
  Software Version: V6.7 Build 1
  Calibration Date: 07/23/2022
  Adapter: DSX-5000 (DSX-PLA004)
  S/N: 4644127

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

Length (ft), Limit 295	[Pair 1,2]	78
Prop. Delay (ns), Limit 498	[Pair 4,5]	126
Delay Skew (ns), Limit 44	[Pair 4,5]	10
Resistance (ohms)	[Pair 4,5]	4.08
Insertion Loss Margin (dB)	[Pair 4,5]	31.4
Frequency (MHz)	[Pair 4,5]	500.0
Limit (dB)	[Pair 4,5]	43.8

78 ft

Wire Map (T568B)
PASS

Insertion Loss (dB)
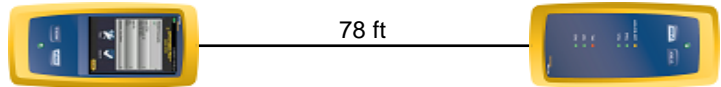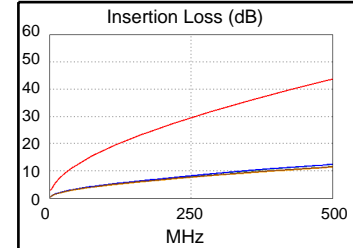
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-7,8	3,6-7,8	3,6-7,8
NEXT (dB)	4.3	4.9	7.3	4.9
Freq. (MHz)	280.0	500.0	493.0	500.0
Limit (dB)	34.5	26.7	26.9	26.7
Worst Pair	1,2	3,6	3,6	3,6
PS NEXT (dB)	5.6	6.4	6.9	6.4
Freq. (MHz)	280.0	500.0	493.0	500.0
Limit (dB)	31.9	23.8	24.0	23.8
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-4,5	7,8-4,5	7,8-4,5	7,8-4,5
ACR-F (dB)	17.2	17.4	17.3	17.4
Freq. (MHz)	406.0	416.0	415.0	416.0
Limit (dB)	12.0	11.8	11.8	11.8
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	18.4	18.2	20.1	21.5
Freq. (MHz)	1.0	1.1	415.0	500.0
Limit (dB)	61.2	60.2	8.8	7.2
N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-7,8	3,6-4,5	3,6-7,8
ACR-N (dB)	14.9	14.1	38.8	37.2
Freq. (MHz)	8.8	6.0	492.0	500.0
Limit (dB)	53.6	57.0	-16.5	-17.1
Worst Pair	3,6	1,2	3,6	3,6
PS ACR-N (dB)	16.4	15.5	38.1	37.9
Freq. (MHz)	8.5	6.1	493.0	500.0
Limit (dB)	51.5	54.5	-19.4	-20.0
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	4,5
RL (dB)	6.5	7.5	6.5	7.5
Freq. (MHz)	490.0	482.0	490.0	482.0
Limit (dB)	8.0	8.0	8.0	8.0
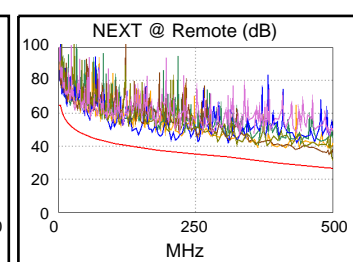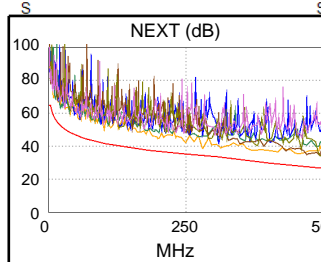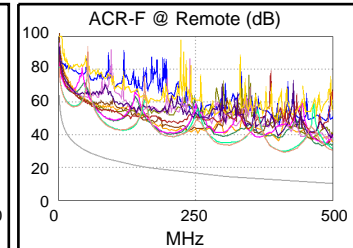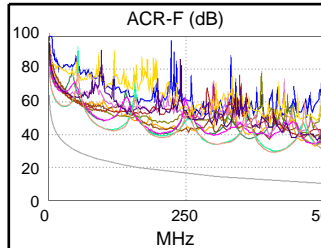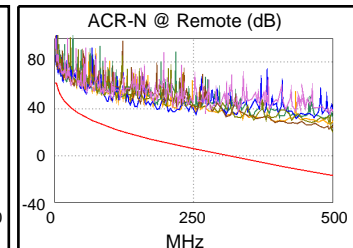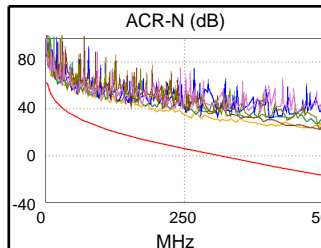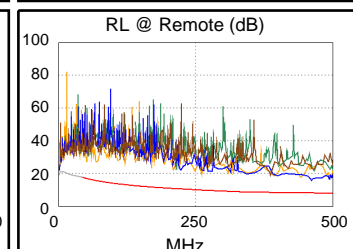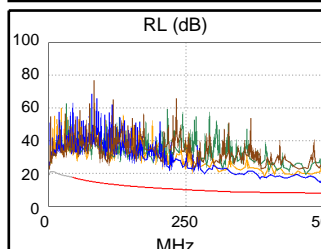
Compliant Network Standards:

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	

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

Cable ID: 1A.RO1.45:33

Test Summary: PASS

Test Limit: TIA Cat 6A Perm. Link
Limits Version: V7.6
Date / Time: 10/26/2022 11:25:04 AM
Operator: BILLY MOORE
Headroom 5.6 dB (NEXT 1,2-7,8)
Cable Type: Cat 6A U/UTP
NVP: 68.2%

Main: Versiv
 S/N: 3491268
 Software Version: V6.7 Build 1
 Calibration Date: 07/23/2022
 Adapter: DSX-5000 (DSX-PLA004)
 S/N: 4644127

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

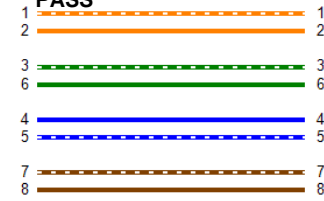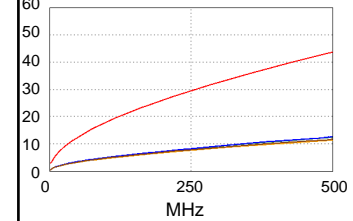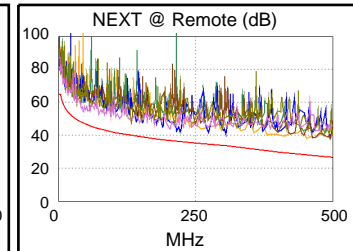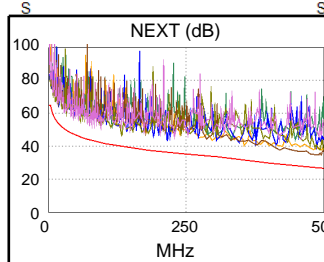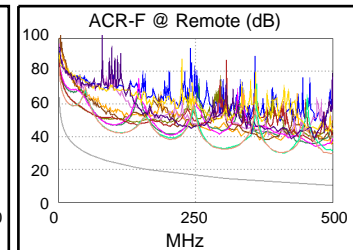|		
Length (ft), Limit 295	[Pair 1,2]	78
Prop. Delay (ns), Limit 498	[Pair 4,5]	128
Delay Skew (ns), Limit 44	[Pair 4,5]	11
Resistance (ohms)	[Pair 4,5]	4.15
Insertion Loss Margin (dB)	[Pair 4,5]	31.3
Frequency (MHz)	[Pair 4,5]	500.0
Limit (dB)	[Pair 4,5]	43.8

78 ft

Wire Map (T568B)
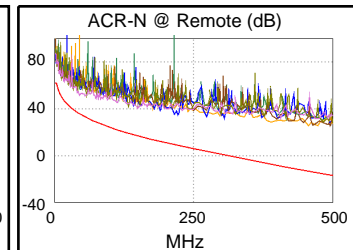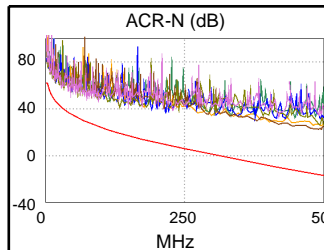**PASS**

Insertion Loss (dB)

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-7,8	3,6-4,5	1,2-3,6
NEXT (dB)	6.6	5.6	7.5	9.6
Freq. (MHz)	132.5	216.0	487.0	472.0
Limit (dB)	39.9	36.4	27.0	27.5
Worst Pair	3,6	7,8	3,6	3,6
PS NEXT (dB)	8.2	6.7	8.4	9.9
Freq. (MHz)	490.0	215.5	494.0	469.0
Limit (dB)	24.1	33.8	23.9	24.7
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-4,5	7,8-4,5	7,8-4,5	7,8-4,5
ACR-F (dB)	17.3	17.5	17.3	19.4
Freq. (MHz)	408.0	302.0	408.0	497.0
Limit (dB)	12.0	14.6	12.0	10.3
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	19.2	19.1	19.8	22.0
Freq. (MHz)	1.0	1.3	408.0	495.0
Limit (dB)	61.2	59.3	9.0	7.3
N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-4,5	1,2-3,6
ACR-N (dB)	14.4	15.5	38.3	40.0
Freq. (MHz)	3.5	12.3	487.0	472.0
Limit (dB)	61.7	50.3	-16.1	-14.8
Worst Pair	7,8	7,8	3,6	3,6
PS ACR-N (dB)	14.0	14.3	39.5	40.1
Freq. (MHz)	3.9	12.3	494.0	469.0
Limit (dB)	58.5	48.0	-19.5	-17.4
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	4,5
RL (dB)	7.4	6.6	7.4	6.6
Freq. (MHz)	492.0	484.0	492.0	484.0
Limit (dB)	8.0	8.0	8.0	8.0
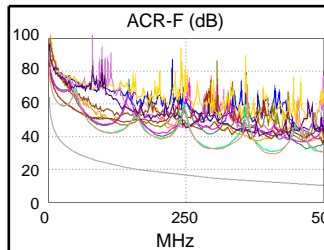
Compliant Network Standards:
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

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