Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
6B.RO2.04:07	PASS	TIA Cat 6A Perm. Link	82 ft	4.3 dB (NEXT)	12/01/2022 02:01 PM
6B.RO2.04:08	PASS	TIA Cat 6A Perm. Link	81 ft	6.5 dB (NEXT)	12/01/2022 02:07 PM

Total Length:	163 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: 6B.RO2.04:07

Test Limit: TIA Cat 6A Perm. Link
Limits Version: V7.6
Date / Time: 12/01/2022 02:01:49 PM
Operator: BILLY MOORE
Headroom 4.3 dB (NEXT 1,2-3,6)
Cable Type: GenSpeed 10 MTP CMP
NVP: 67.0%

Main: Versiv
  S/N: 3518227
  Software Version: V6.7 Build 1
  Calibration Date: 07/23/2022
  Adapter: DSX-5000 (DSX-PLA004)
  S/N: 4644127

Test Summary: PASS

Remote: Versiv
  S/N: 3491268
  Software Version: V6.7 Build 1
  Calibration Date: 07/23/2022
  Adapter: DSX-5000R (DSX-PLA004)
  S/N: 4644128

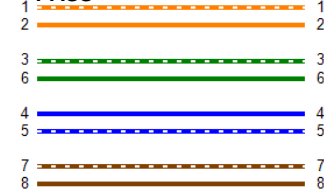|		
Length (ft), Limit 295	[Pair 1,2]	82
Prop. Delay (ns), Limit 498	[Pair 4,5]	135
Delay Skew (ns), Limit 44	[Pair 4,5]	10
Resistance (ohms)	[Pair 4,5]	4.40
Insertion Loss Margin (dB)	[Pair 4,5]	30.4
Frequency (MHz)	[Pair 4,5]	500.0
Limit (dB)	[Pair 4,5]	43.8

82 ft

Wire Map (T568B)
PASS
1 – 1
2 – 2
3 – 3
6 – 6
4 – 4
5 – 5
7 – 7
8 – 8
S   S

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-3,6	3,6-4,5	1,2-3,6
NEXT (dB)	6.2	4.3	6.8	7.7
Freq. (MHz)	315.0	216.5	462.0	484.0
Limit (dB)	33.3	36.4	27.8	27.1
Worst Pair	3,6	1,2	4,5	3,6
PS NEXT (dB)	7.6	5.9	8.2	8.9
Freq. (MHz)	326.0	217.0	462.0	484.0
Limit (dB)	30.2	33.7	24.9	24.2
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)	16.5	16.1	18.2	18.9
Freq. (MHz)	289.0	201.5	495.0	500.0
Limit (dB)	15.0	18.1	10.3	10.2
Worst Pair	4,5	4,5	3,6	4,5
PS ACR-F (dB)	16.8	17.0	19.1	18.7
Freq. (MHz)	1.3	1.6	495.0	500.0
Limit (dB)	59.3	57.0	7.3	7.2
N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	3,6-4,5	1,2-3,6
ACR-N (dB)	14.9	15.7	36.0	37.7
Freq. (MHz)	3.8	5.0	462.0	484.0
Limit (dB)	61.1	58.6	-14.0	-15.8
Worst Pair	7,8	3,6	3,6	3,6
PS ACR-N (dB)	15.8	15.4	39.7	38.9
Freq. (MHz)	3.8	7.3	492.0	484.0
Limit (dB)	58.6	53.0	-19.3	-18.7
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	4,5
RL (dB)	5.2	7.5	5.2	7.5
Freq. (MHz)	499.0	488.0	499.0	488.0
Limit (dB)	8.0	8.0	8.0	8.0
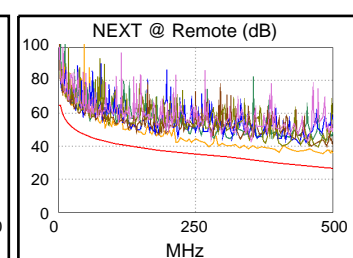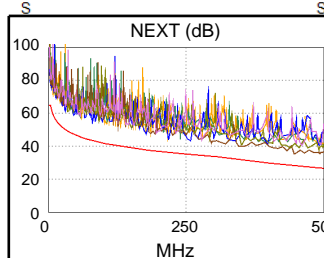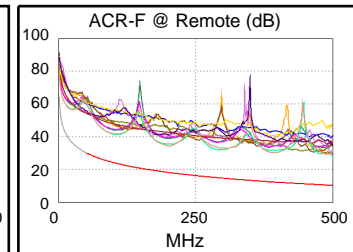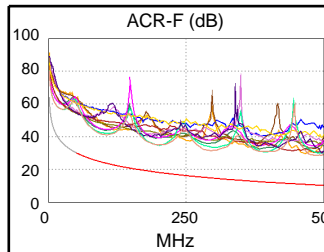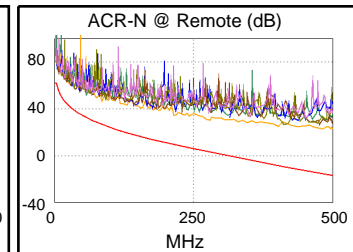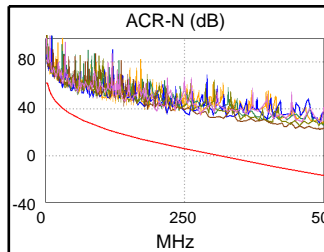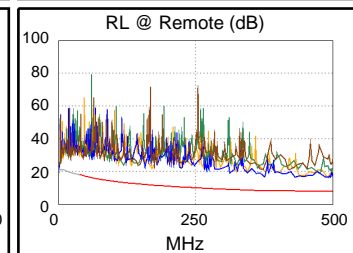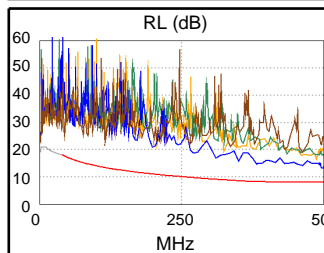
Compliant Network Standards:
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

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

Cable ID: 6B.RO2.04:08

Test Summary: PASS

Test Limit: TIA Cat 6A Perm. Link
Limits Version: V7.6
Date / Time: 12/01/2022 02:07:09 PM
Operator: BILLY MOORE
Headroom 6.5 dB (NEXT 3,6-7,8)
Cable Type: GenSpeed 10 MTP CMP
NVP: 67.0%

Main: Versiv
  S/N: 3518227
  Software Version: V6.7 Build 1
  Calibration Date: 07/23/2022
  Adapter: DSX-5000 (DSX-PLA004)
  S/N: 4644127

Remote: Versiv
  S/N: 3491268
  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]	81
Prop. Delay (ns), Limit 498	[Pair 4,5]	134
Delay Skew (ns), Limit 44	[Pair 4,5]	11
Resistance (ohms)	[Pair 4,5]	4.33
Insertion Loss Margin (dB)	[Pair 4,5]	30.6
Frequency (MHz)	[Pair 4,5]	500.0
Limit (dB)	[Pair 4,5]	43.8

81 ft

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	3,6-7,8	3,6-4,5	3,6-4,5
NEXT (dB)	7.0	6.5	10.5	7.5
Freq. (MHz)	162.0	406.0	497.0	482.0
Limit (dB)	38.4	29.6	26.7	27.2
Worst Pair	4,5	3,6	3,6	3,6
PS NEXT (dB)	8.1	7.1	11.0	7.6
Freq. (MHz)	362.0	406.0	500.0	482.0
Limit (dB)	28.6	26.9	23.8	24.3
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-4,5	4,5-7,8	7,8-4,5	4,5-7,8
ACR-F (dB)	15.2	15.6	15.2	15.6
Freq. (MHz)	475.0	472.0	475.0	472.0
Limit (dB)	10.7	10.7	10.7	10.7
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	16.6	17.2	16.6	18.2
Freq. (MHz)	475.0	381.0	475.0	477.0
Limit (dB)	7.7	9.6	7.7	7.6
N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	3,6-4,5	3,6-4,5
ACR-N (dB)	16.5	14.2	40.9	37.7
Freq. (MHz)	23.6	5.1	497.0	483.0
Limit (dB)	43.4	58.4	-16.9	-15.7
Worst Pair	1,2	1,2	4,5	3,6
PS ACR-N (dB)	16.6	14.8	41.6	37.9
Freq. (MHz)	24.1	5.1	499.0	482.0
Limit (dB)	40.8	56.1	-19.9	-18.5
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	4,5
RL (dB)	5.1	5.8	5.1	5.8
Freq. (MHz)	488.0	488.0	488.0	488.0
Limit (dB)	8.0	8.0	8.0	8.0
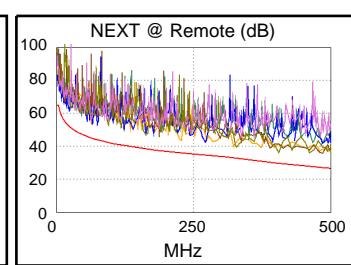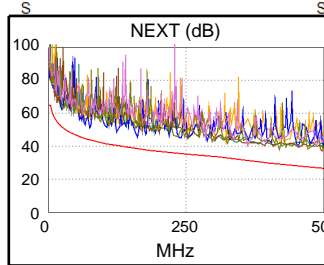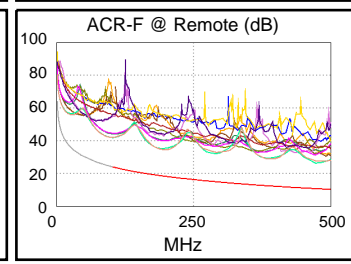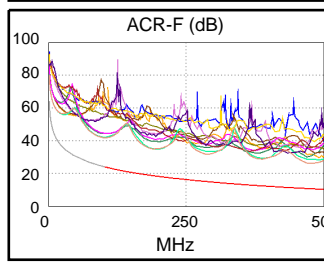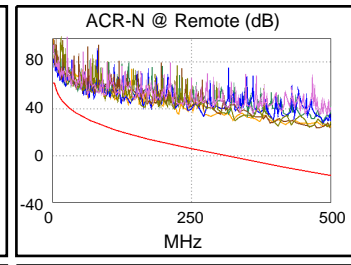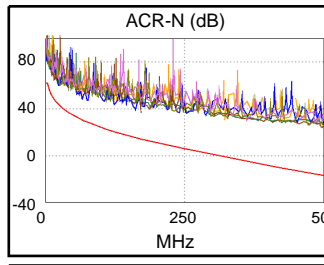
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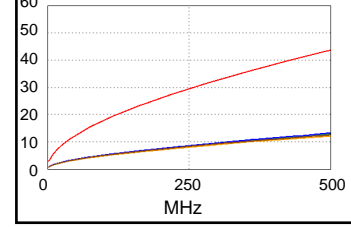|		
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

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)

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