Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
3B.RO2.07:11	PASS	TIA Cat 6A Perm. Link	150 ft	6.4 dB (NEXT)	11/29/2022 06:30 PM
3B.RO2.07:12	PASS	TIA Cat 6A Perm. Link	154 ft	3.8 dB (NEXT)	11/29/2022 06:31 PM

|	
Total Length:	304 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: 3B.RO2.07:11

Test Limit: TIA Cat 6A Perm. Link
Limits Version: V7.6
Date / Time: 11/29/2022 06:30:47 PM
Operator: BILLY MOORE
Headroom 6.4 dB (NEXT 1,2-7,8)
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: 4644128

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: 4644127

Length (ft), Limit 295	[Pair 1,2]	150
Prop. Delay (ns), Limit 498	[Pair 4,5]	247
Delay Skew (ns), Limit 44	[Pair 4,5]	19
Resistance (ohms)	[Pair 4,5]	7.71
Insertion Loss Margin (dB)	[Pair 4,5]	20.6
Frequency (MHz)	[Pair 4,5]	500.0
Limit (dB)	[Pair 4,5]	43.8

150 ft
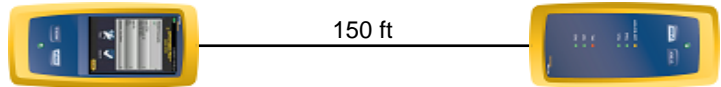
Wire Map (T568B)
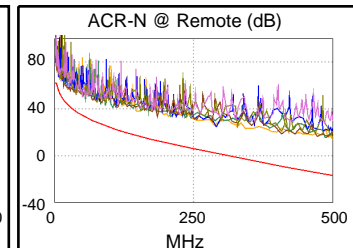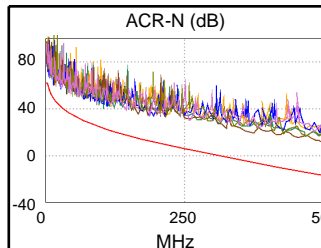**PASS**
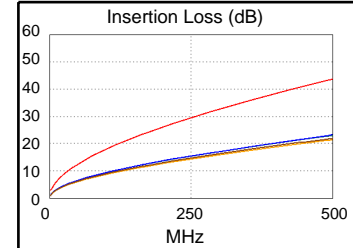
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-7,8	3,6-4,5	1,2-3,6
NEXT (dB)	7.3	6.4	8.3	9.9
Freq. (MHz)	364.0	292.0	496.0	500.0
Limit (dB)	31.2	34.2	26.8	26.7
Worst Pair	4,5	1,2	3,6	3,6
PS NEXT (dB)	8.3	6.6	9.3	9.8
Freq. (MHz)	362.0	289.0	494.0	500.0
Limit (dB)	28.6	31.7	23.9	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)	15.2	15.7	15.2	15.8
Freq. (MHz)	487.0	475.0	487.0	480.0
Limit (dB)	10.4	10.7	10.4	10.6
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	15.9	15.7	17.2	18.1
Freq. (MHz)	1.6	1.5	482.0	475.0
Limit (dB)	57.0	57.7	7.5	7.7
N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	3,6-4,5	3,6-4,5	1,2-3,6
ACR-N (dB)	13.0	12.0	28.8	30.7
Freq. (MHz)	7.6	16.3	496.0	500.0
Limit (dB)	54.9	47.5	-16.8	-17.1
Worst Pair	3,6	4,5	3,6	3,6
PS ACR-N (dB)	13.3	12.6	29.9	30.6
Freq. (MHz)	4.1	3.9	494.0	500.0
Limit (dB)	58.0	58.5	-19.5	-20.0
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	4,5
RL (dB)	5.9	7.8	5.9	7.8
Freq. (MHz)	499.0	494.0	499.0	494.0
Limit (dB)	8.0	8.0	8.0	8.0
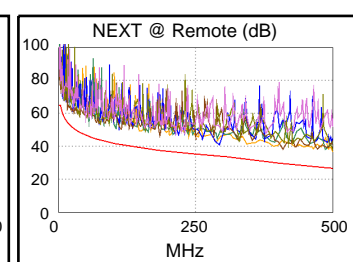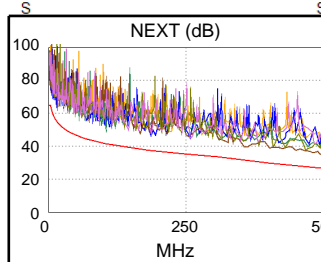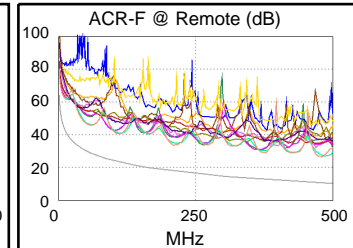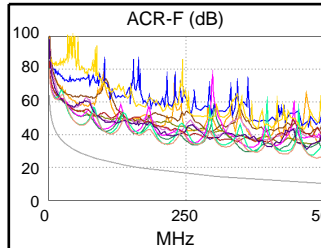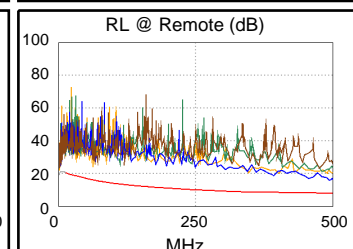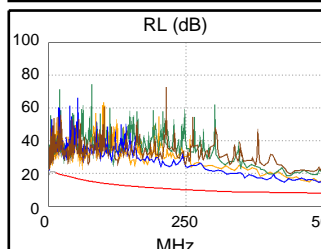
Compliant Network Standards:
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

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

Cable ID: 3B.RO2.07:12

Test Summary: PASS

Test Limit: TIA Cat 6A Perm. Link
Limits Version: V7.6
Date / Time: 11/29/2022 06:31:18 PM
Operator: BILLY MOORE
Headroom 3.8 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: 4644128

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

Length (ft), Limit 295	[Pair 1,2]	154
Prop. Delay (ns), Limit 498	[Pair 4,5]	253
Delay Skew (ns), Limit 44	[Pair 4,5]	20
Resistance (ohms)	[Pair 4,5]	7.89
Insertion Loss Margin (dB)	[Pair 4,5]	20.2
Frequency (MHz)	[Pair 4,5]	500.0
Limit (dB)	[Pair 4,5]	43.8
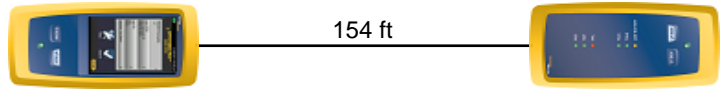
154 ft

Wire Map (T568B)
PASS
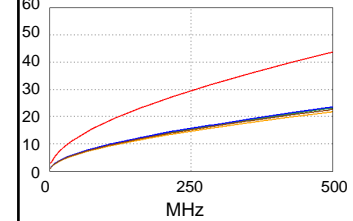
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-3,6	3,6-4,5	3,6-7,8
NEXT (dB)	6.6	3.8	7.5	7.8
Freq. (MHz)	258.0	294.0	499.0	493.0
Limit (dB)	35.1	34.2	26.7	26.9
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	7.2	5.7	7.2	7.6
Freq. (MHz)	490.0	294.0	490.0	493.0
Limit (dB)	24.1	31.5	24.1	24.0
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-4,5	7,8-4,5	4,5-7,8	7,8-4,5
ACR-F (dB)	14.7	14.8	15.6	14.8
Freq. (MHz)	404.0	452.0	452.0	452.0
Limit (dB)	12.1	11.1	11.1	11.1
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	16.3	15.8	16.6	15.8
Freq. (MHz)	1.5	452.0	452.0	452.0
Limit (dB)	57.7	8.1	8.1	8.1
N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	3,6-4,5	3,6-7,8
ACR-N (dB)	12.4	12.0	27.8	29.4
Freq. (MHz)	13.8	7.1	500.0	500.0
Limit (dB)	49.2	55.5	-17.1	-17.1
Worst Pair	7,8	7,8	3,6	3,6
PS ACR-N (dB)	13.7	12.8	27.7	28.1
Freq. (MHz)	11.5	7.3	490.0	493.0
Limit (dB)	48.6	53.0	-19.2	-19.4
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	4,5
RL (dB)	5.5	6.9	5.5	6.9
Freq. (MHz)	489.0	448.0	489.0	448.0
Limit (dB)	8.0	8.0	8.0	8.0
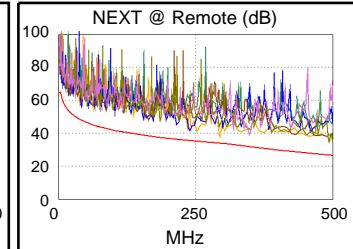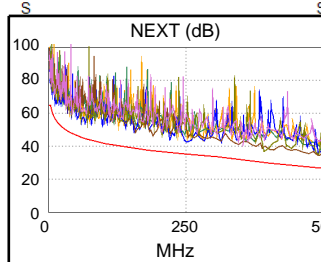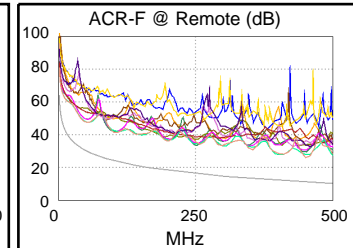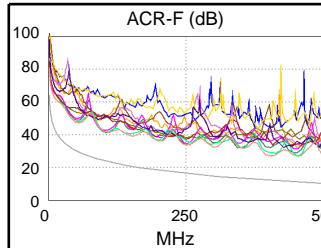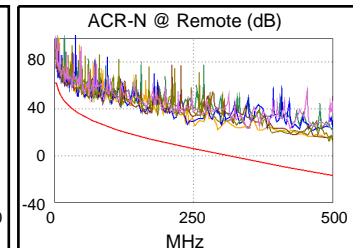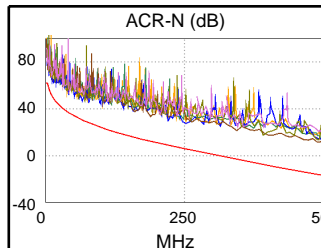
Compliant Network Standards:
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

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)