Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
1TRB-034	PASS	TIA Cat 5e Channel	122 ft	5.5 dB (NEXT)	09/16/2022 02:23 PM
1TRB-035	PASS	TIA Cat 5e Channel	123 ft	4.8 dB (NEXT)	09/16/2022 02:23 PM

Total Length:	245 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: 1TRB-034

Test Limit: TIA Cat 5e Channel
Limits Version: V7.6
Date / Time: 09/16/2022 02:23:17 PM
Operator: BILLY MOORE
Headroom 5.5 dB (NEXT 3,6-4,5)
Cable Type: Cat 5e U/UTP
NVP: 69.0%

Main: Versiv
  S/N: 3518227
  Software Version: V6.7 Build 1
  Calibration Date: 07/23/2022
  Adapter: DSX-5000 (DSX-CHA004)
  S/N: 3509343

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 328	[Pair 7,8]	122
Prop. Delay (ns), Limit 555	[Pair 4,5]	189
Delay Skew (ns), Limit 50	[Pair 4,5]	9
Resistance (ohms)	[Pair 3,6]	24.15
Insertion Loss Margin (dB)	[Pair 4,5]	14.9
Frequency (MHz)	[Pair 4,5]	100.0
Limit (dB)	[Pair 4,5]	24.0
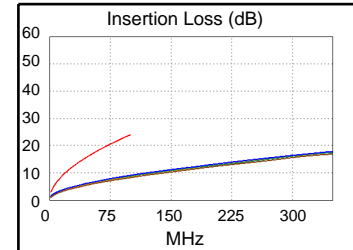
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	3,6-4,5
NEXT (dB)	5.5	7.2	14.5	16.3
Freq. (MHz)	1.5	1.6	90.0	91.3
Limit (dB)	60.0	59.9	30.9	30.8
Worst Pair	4,5	4,5	1,2	3,6
PS NEXT (dB)	8.3	9.7	15.9	18.1
Freq. (MHz)	1.5	1.6	86.0	91.5
Limit (dB)	57.0	56.9	28.2	27.7
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	4,5-1,2	1,2-4,5
ACR-F (dB)	8.5	8.3	23.3	22.8
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	4,5	3,6	1,2	4,5
PS ACR-F (dB)	11.3	11.2	25.1	25.4
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	54.4	54.4	14.4	14.4
N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	3,6-4,5
ACR-N (dB)	7.1	8.8	28.8	30.5
Freq. (MHz)	1.5	1.6	90.0	91.3
Limit (dB)	57.0	56.9	8.2	7.9
Worst Pair	3,6	3,6	1,2	3,6
PS ACR-N (dB)	9.8	11.3	30.8	32.4
Freq. (MHz)	1.6	1.6	89.0	91.5
Limit (dB)	53.9	53.9	5.4	4.9
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	3,6	3,6
RL (dB)	1.8	8.2	4.7	9.8
Freq. (MHz)	13.6	11.0	93.8	89.5
Limit (dB)	17.0	17.0	10.3	10.5
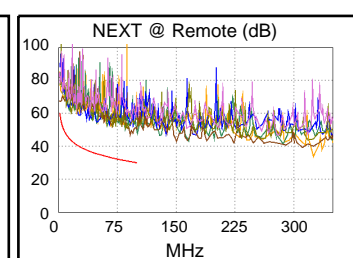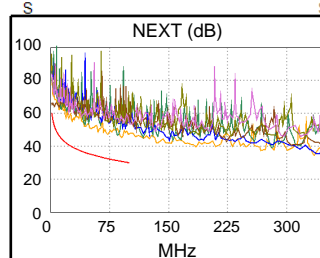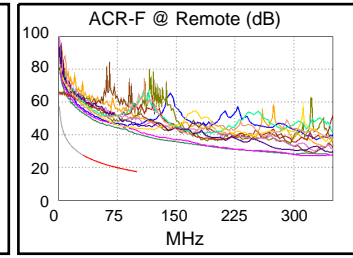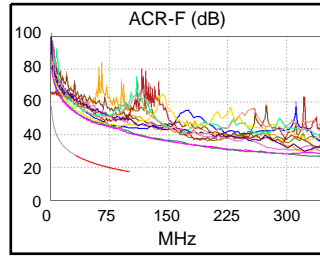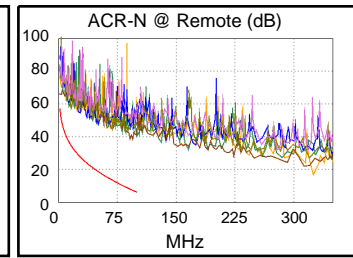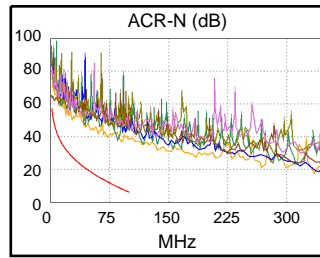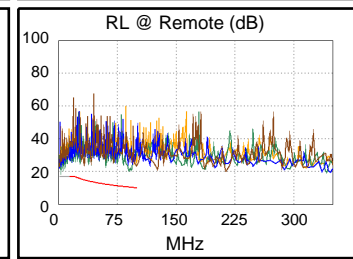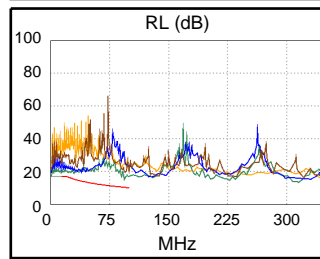
Compliant Network Standards:

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

122 ft

Wire Map (T568A)
PASS

1	1
2	2
3	3
6	6
4	4
5	5
7	7
8	8
S	S

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: 1TRB-035

Test Summary: PASS

Test Limit: TIA Cat 5e Channel
Limits Version: V7.6
Date / Time: 09/16/2022 02:23:42 PM
Operator: BILLY MOORE
Headroom 4.8 dB (NEXT 3,6-4,5)
Cable Type: Cat 5e U/UTP
NVP: 69.0%

Main: Versiv
 S/N: 3518227
 Software Version: V6.7 Build 1
 Calibration Date: 07/23/2022
 Adapter: DSX-5000 (DSX-CHA004)
 S/N: 3509343

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 328	[Pair 7,8]	123
Prop. Delay (ns), Limit 555	[Pair 4,5]	190
Delay Skew (ns), Limit 50	[Pair 4,5]	9
Resistance (ohms)	[Pair 3,6]	24.18
Insertion Loss Margin (dB)	[Pair 4,5]	14.8
Frequency (MHz)	[Pair 4,5]	100.0
Limit (dB)	[Pair 4,5]	24.0

123 ft

Wire Map (T568A)
PASS

Insertion Loss (dB)

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	1,2-4,5
NEXT (dB)	4.8	4.8	15.4	15.5
Freq. (MHz)	1.5	1.5	90.8	70.8
Limit (dB)	60.0	60.0	30.8	32.7
Worst Pair	4,5	4,5	3,6	1,2
PS NEXT (dB)	7.5	7.6	17.1	16.1
Freq. (MHz)	1.5	1.5	90.5	71.3
Limit (dB)	57.0	57.0	27.8	29.6
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	1,2-4,5	1,2-4,5
ACR-F (dB)	6.0	6.0	15.2	14.8
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	4,5	3,6	4,5	4,5
PS ACR-F (dB)	8.3	9.0	18.1	17.7
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	54.4	54.4	14.4	14.4
N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	1,2-4,5
ACR-N (dB)	6.3	6.3	29.8	27.7
Freq. (MHz)	1.5	1.5	90.8	70.8
Limit (dB)	57.0	57.0	8.0	12.8
Worst Pair	4,5	4,5	1,2	1,2
PS ACR-N (dB)	9.0	9.1	33.4	29.0
Freq. (MHz)	1.5	1.5	100.0	71.3
Limit (dB)	54.0	54.0	3.1	9.6
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	3,6	3,6
RL (dB)	1.9	5.9	6.0	9.4
Freq. (MHz)	13.9	10.9	99.8	60.3
Limit (dB)	17.0	17.0	10.0	12.2

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

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