Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
1TRB-013	PASS	TIA Cat 5e Perm. Link	161 ft	11.1 dB (NEXT)	08/02/2022 01:09 PM
1TRB-014	PASS	TIA Cat 5e Perm. Link	161 ft	11.5 dB (NEXT)	08/02/2022 01:12 PM

Total Length:	322 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-013

Test Limit: TIA Cat 5e Perm. Link
Limits Version: V7.6
Date / Time: 08/02/2022 01:09:31 PM
Operator: BILLY MOORE
Headroom 11.1 dB (NEXT 1,2-4,5)
Cable Type: Cat 5e U/UTP
NVP: 69.0%

Main: Versiv
  S/N: 19140167
  Software Version: V6.7 Build 1
  Calibration Date: 07/01/2022
  Adapter: DSX-5000 (DSX-PLA004)
  S/N: 4537098

Test Summary: PASS

Remote: Versiv
  S/N: 19140163
  Software Version: V6.7 Build 1
  Calibration Date: 07/01/2022
  Adapter: DSX-5000R (DSX-PLA004)
  S/N: 4537097

Length (ft), Limit 295	[Pair 7,8]	161
Prop. Delay (ns), Limit 498	[Pair 4,5]	250
Delay Skew (ns), Limit 44	[Pair 4,5]	13
Resistance (ohms)	[Pair 4,5]	9.26
Insertion Loss Margin (dB)	[Pair 4,5]	9.9
Frequency (MHz)	[Pair 4,5]	100.0
Limit (dB)	[Pair 4,5]	21.0

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	3,6-4,5
NEXT (dB)	11.1	12.0	14.0	13.1
Freq. (MHz)	29.0	11.6	91.0	100.0
Limit (dB)	41.1	47.4	33.0	32.3
Worst Pair	1,2	3,6	1,2	3,6
PS NEXT (dB)	13.9	13.9	16.6	13.9
Freq. (MHz)	29.0	96.5	91.0	96.5
Limit (dB)	38.1	29.6	30.0	29.6
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
ACR-F (dB)	14.9	14.9	19.9	19.7
Freq. (MHz)	3.0	2.6	100.0	100.0
Limit (dB)	49.1	50.2	18.6	18.6
Worst Pair	3,6	3,6	4,5	4,5
PS ACR-F (dB)	16.5	16.3	21.7	21.6
Freq. (MHz)	1.3	1.0	100.0	100.0
Limit (dB)	53.7	55.6	15.6	15.6
N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	3,6-4,5
ACR-N (dB)	14.7	15.1	23.3	23.0
Freq. (MHz)	11.8	11.6	91.0	100.0
Limit (dB)	40.6	40.7	13.1	11.3
Worst Pair	4,5	4,5	1,2	3,6
PS ACR-N (dB)	17.0	17.1	26.1	24.1
Freq. (MHz)	8.9	8.9	91.0	96.5
Limit (dB)	40.5	40.5	10.1	9.0
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	4.4	6.7	4.4	6.7
Freq. (MHz)	72.0	72.0	72.0	72.0
Limit (dB)	13.4	13.4	13.4	13.4

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

161 ft
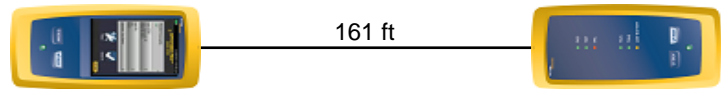
Wire Map (T568A)
PASS

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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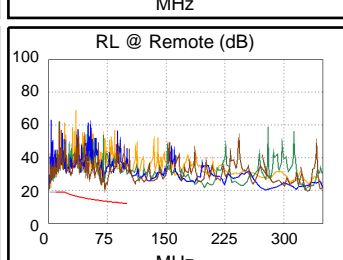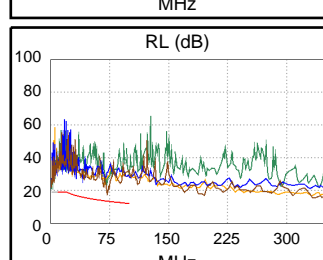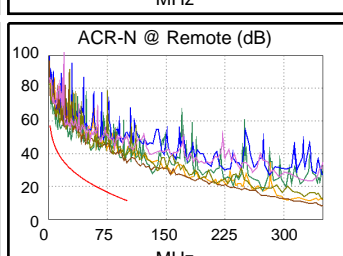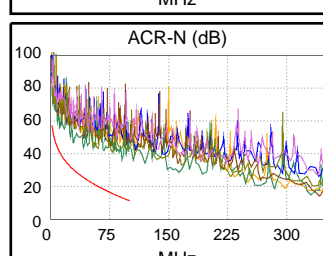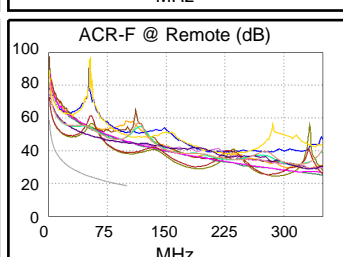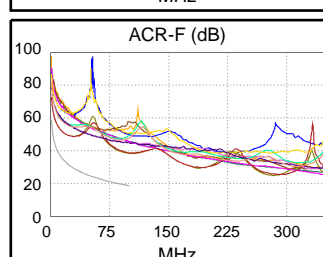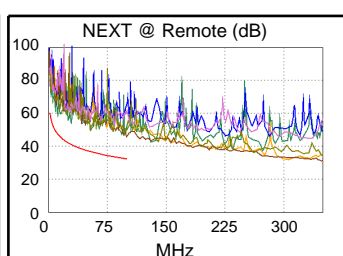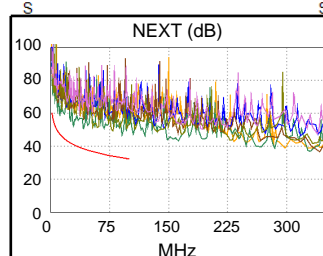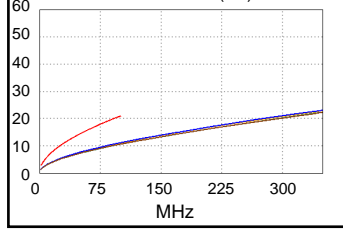
Cable ID: 1TRB-014

Test Summary: PASS

Test Limit: TIA Cat 5e Perm. Link
Limits Version: V7.6
Date / Time: 08/02/2022 01:12:16 PM
Operator: BILLY MOORE
Headroom 11.5 dB (NEXT 3,6-4,5)
Cable Type: Cat 5e U/UTP
NVP: 69.0%

Main: Versiv
  S/N: 19140167
  Software Version: V6.7 Build 1
  Calibration Date: 07/01/2022
  Adapter: DSX-5000 (DSX-PLA004)
  S/N: 4537098

Remote: Versiv
  S/N: 19140163
  Software Version: V6.7 Build 1
  Calibration Date: 07/01/2022
  Adapter: DSX-5000R (DSX-PLA004)
  S/N: 4537097

Length (ft), Limit 295	[Pair 7,8]	161
Prop. Delay (ns), Limit 498	[Pair 4,5]	250
Delay Skew (ns), Limit 44	[Pair 4,5]	13
Resistance (ohms)	[Pair 4,5]	9.22
Insertion Loss Margin (dB)	[Pair 4,5]	9.9
Frequency (MHz)	[Pair 4,5]	100.0
Limit (dB)	[Pair 4,5]	21.0

161 ft

Wire Map (T568A)
PASS

S — S

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	3,6-4,5	1,2-4,5	3,6-4,5
NEXT (dB)	12.3	11.5	13.6	12.1
Freq. (MHz)	31.5	87.3	95.0	100.0
Limit (dB)	40.5	33.3	32.7	32.3
Worst Pair	4,5	4,5	1,2	4,5
PS NEXT (dB)	14.8	12.1	15.8	12.7
Freq. (MHz)	31.5	71.8	95.0	88.5
Limit (dB)	37.5	31.7	29.7	30.2
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-1,2	1,2-4,5	4,5-1,2	1,2-4,5
ACR-F (dB)	16.3	16.3	18.1	18.0
Freq. (MHz)	19.1	20.3	100.0	100.0
Limit (dB)	33.0	32.5	18.6	18.6
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	15.8	16.0	18.1	18.0
Freq. (MHz)	1.0	1.1	99.5	100.0
Limit (dB)	55.6	54.6	15.7	15.6
N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-4,5	1,2-4,5	3,6-4,5
ACR-N (dB)	15.9	14.6	23.2	22.0
Freq. (MHz)	4.0	4.4	95.0	100.0
Limit (dB)	50.9	50.1	12.3	11.3
Worst Pair	3,6	4,5	1,2	4,5
PS ACR-N (dB)	17.2	15.5	25.5	23.9
Freq. (MHz)	4.0	4.4	95.0	100.0
Limit (dB)	47.9	47.1	9.3	8.3
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	3,6	7,8
RL (dB)	8.8	7.0	9.0	7.1
Freq. (MHz)	70.3	64.5	74.3	70.8
Limit (dB)	13.5	13.9	13.3	13.5

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

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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