LinkWare™ PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
1TRA-052	PASS	TIA Cat 5e Channel	73 ft	14.5 dB (NEXT)	09/22/2022 12:47 PM
1TRA-053	PASS	TIA Cat 5e Channel	70 ft	14.2 dB (NEXT)	09/22/2022 12:48 PM

FLUKE networks

Total Length: 143 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: 1TRA-052
Test Summary: PASS

Test Limit: TIA Cat 5e Channel
Limits Version: V7.6
Date / Time: 09/22/2022 12:47:42 PM
Operator: BILLY MOORE
Headroom 14.5 dB (NEXT 3,6-7,8)
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 3,6]	73
Prop. Delay (ns), Limit 555	[Pair 4,5]	111
Delay Skew (ns), Limit 50	[Pair 1,2]	4
Resistance (ohms)	[Pair 3,6]	15.13
Insertion Loss Margin (dB)	[Pair 3,6]	18.7
Frequency (MHz)	[Pair 3,6]	100.0
Limit (dB)	[Pair 3,6]	24.0

73 ft

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-7,8	1,2-3,6	3,6-4,5
NEXT (dB)	14.6	14.5	15.3	16.1
Freq. (MHz)	50.8	54.3	90.0	96.0
Limit (dB)	35.1	34.6	30.9	30.4
Worst Pair	1,2	3,6	1,2	3,6
PS NEXT (dB)	16.5	15.4	16.6	15.8
Freq. (MHz)	90.0	85.0	90.3	95.3
Limit (dB)	27.9	28.3	27.8	27.4
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	7,8-4,5	7,8-4,5	7,8-4,5
ACR-F (dB)	19.8	19.5	20.5	20.7
Freq. (MHz)	62.0	62.0	100.0	100.0
Limit (dB)	21.6	21.6	17.4	17.4
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	21.6	21.4	21.6	22.2
Freq. (MHz)	100.0	74.0	100.0	100.0
Limit (dB)	14.4	17.0	14.4	14.4
N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	3,6-4,5
ACR-N (dB)	21.8	21.4	33.1	34.4
Freq. (MHz)	7.4	6.8	90.3	96.0
Limit (dB)	43.1	44.0	8.1	6.9
Worst Pair	3,6	3,6	1,2	3,6
PS ACR-N (dB)	22.2	21.4	34.4	33.9
Freq. (MHz)	1.9	6.8	90.3	95.3
Limit (dB)	52.8	41.0	5.1	4.1
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	3,6	3,6
RL (dB)	6.0	8.1	9.2	10.3
Freq. (MHz)	29.9	41.3	100.0	85.5
Limit (dB)	15.3	13.9	10.0	10.7

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

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 TEST MANAGEMENT SOFTWARE

✓
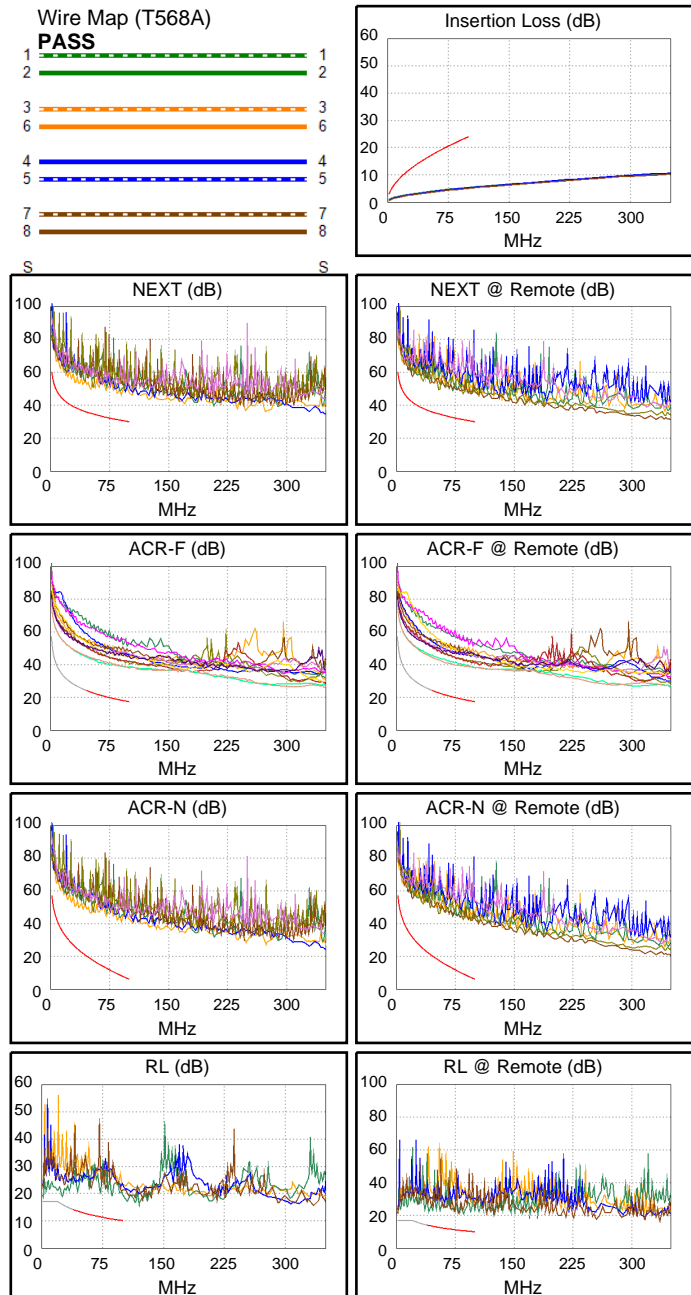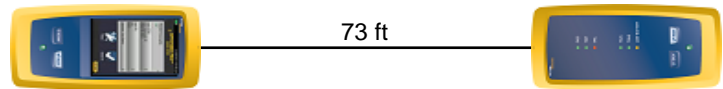
Cable ID: 1TRA-053
Test Limit: TIA Cat 5e Channel
Limits Version: V7.6
Date / Time: 09/22/2022 12:48:05 PM
Operator: BILLY MOORE
Headroom 14.2 dB (NEXT 1,2-4,5)
Cable Type: Cat 5e U/UTP
NVP: 69.0%

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

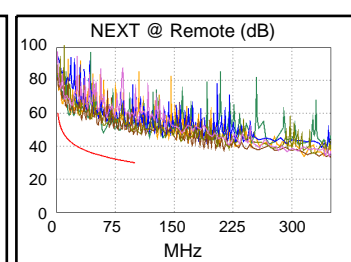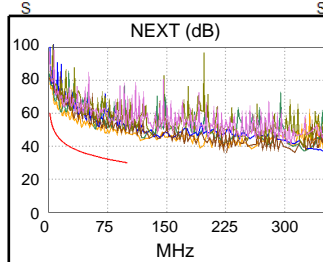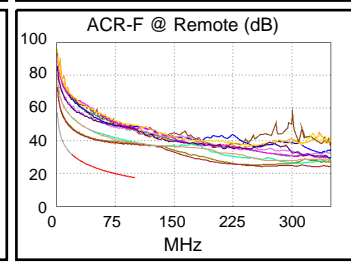|		
Length (ft), Limit 328	[Pair 7,8]	70
Prop. Delay (ns), Limit 555	[Pair 4,5]	109
Delay Skew (ns), Limit 50	[Pair 4,5]	6
Resistance (ohms)	[Pair 3,6]	12.50
Insertion Loss Margin (dB)	[Pair 3,6]	18.8
Frequency (MHz)	[Pair 3,6]	100.0
Limit (dB)	[Pair 3,6]	24.0

70 ft

Wire Map (T568A)
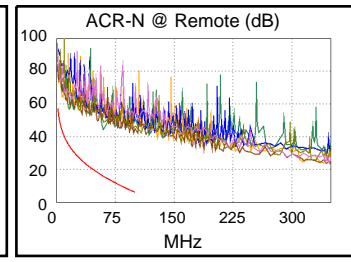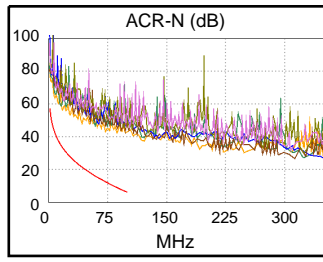**PASS**

Insertion Loss (dB)
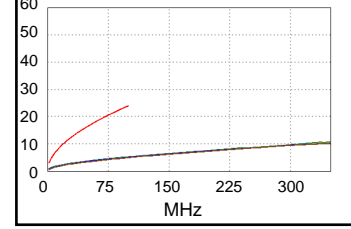
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-4,5	1,2-3,6	3,6-4,5
NEXT (dB)	15.0	14.2	16.2	17.0
Freq. (MHz)	42.3	59.5	87.0	98.8
Limit (dB)	36.5	34.0	31.1	30.2
Worst Pair	3,6	4,5	3,6	3,6
PS NEXT (dB)	16.2	16.6	17.3	17.6
Freq. (MHz)	72.8	59.3	97.3	98.5
Limit (dB)	29.5	31.0	27.3	27.2
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	15.5	15.3	20.4	20.2
Freq. (MHz)	2.1	2.1	100.0	100.0
Limit (dB)	50.9	50.9	17.4	17.4
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	17.6	17.6	20.6	20.8
Freq. (MHz)	2.0	1.0	100.0	100.0
Limit (dB)	48.4	54.4	14.4	14.4
N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	3,6-4,5
ACR-N (dB)	20.8	20.0	36.0	35.9
Freq. (MHz)	7.3	2.1	98.3	98.8
Limit (dB)	43.3	54.8	6.4	6.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	21.8	19.9	35.9	36.2
Freq. (MHz)	1.8	2.1	97.3	98.5
Limit (dB)	53.4	51.8	3.6	3.4
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	7,8	3,6	7,8
RL (dB)	7.8	8.0	10.3	8.0
Freq. (MHz)	31.0	56.5	88.0	56.5
Limit (dB)	15.1	12.5	10.6	12.5
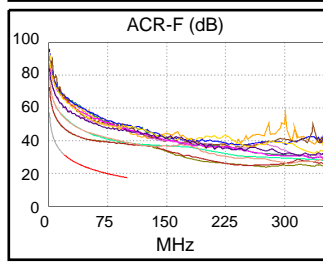
Compliant Network Standards:
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	ATM-25
ATM-51	ATM-155	100VG-AnyLan
TR-4	TR-16 Active	TR-16 Passive

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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