Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
1TRA-018	PASS	TIA Cat 5e Channel	128 ft	13.8 dB (NEXT)	09/01/2022 10:31 AM
1TRA-019	PASS	TIA Cat 5e Channel	129 ft	13.6 dB (NEXT)	09/01/2022 10:33 AM

Total Length:	257 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-018

Test Summary: PASS

Test Limit: TIA Cat 5e Channel
Limits Version: V7.6
Date / Time: 09/01/2022 10:31:44 AM
Operator: ZEKE GOMEZ
Headroom 13.8 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-CHA004)
S/N: 4592417

Remote: Versiv
S/N: 19140163
Software Version: V6.7 Build 1
Calibration Date: 07/01/2022
Adapter: DSX-5000R (DSX-PLA004)
S/N: 4537098

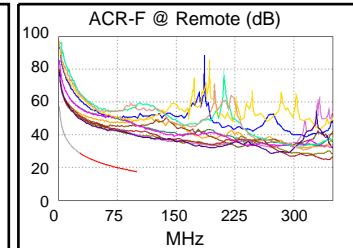|		
Length (ft), Limit 328	[Pair 7,8]	128
Prop. Delay (ns), Limit 555	[Pair 4,5]	199
Delay Skew (ns), Limit 50	[Pair 4,5]	10
Resistance (ohms)	[Pair 4,5]	7.48
Insertion Loss Margin (dB)	[Pair 4,5]	15.1
Frequency (MHz)	[Pair 4,5]	100.0
Limit (dB)	[Pair 4,5]	24.0

128 ft

Wire Map (T568B)
PASS

Insertion Loss (dB)

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-4,5	1,2-7,8	1,2-4,5
NEXT (dB)	15.0	13.8	16.3	13.8
Freq. (MHz)	6.5	93.5	91.3	93.5
Limit (dB)	50.1	30.6	30.8	30.6
Worst Pair	4,5	4,5	3,6	4,5
PS NEXT (dB)	16.4	14.2	17.9	14.2
Freq. (MHz)	14.5	92.8	89.0	92.8
Limit (dB)	41.3	27.6	28.0	27.6
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	7,8-3,6	3,6-7,8	7,8-3,6
ACR-F (dB)	20.4	20.4	21.8	21.8
Freq. (MHz)	43.8	43.8	100.0	100.0
Limit (dB)	24.6	24.6	17.4	17.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	19.6	19.5	22.1	22.8
Freq. (MHz)	1.6	1.6	99.8	100.0
Limit (dB)	50.2	50.2	14.4	14.4
N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-7,8	1,2-4,5
ACR-N (dB)	18.4	18.4	31.2	28.4
Freq. (MHz)	1.6	1.5	91.3	93.5
Limit (dB)	56.9	57.0	7.9	7.4
Worst Pair	4,5	3,6	3,6	4,5
PS ACR-N (dB)	20.2	19.8	32.6	28.6
Freq. (MHz)	6.5	1.6	89.0	92.8
Limit (dB)	41.4	53.9	5.4	4.6
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	3,6	3,6
RL (dB)	5.5	7.5	5.5	7.5
Freq. (MHz)	63.0	63.0	63.0	63.0
Limit (dB)	12.0	12.0	12.0	12.0
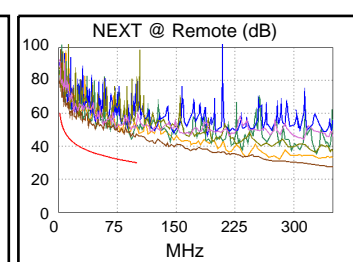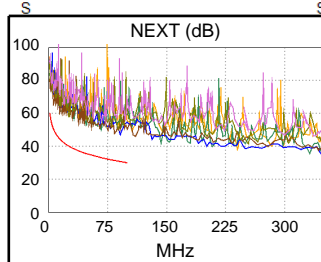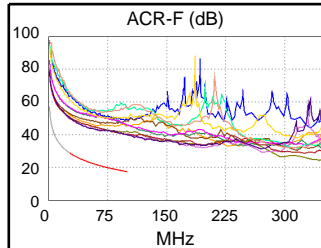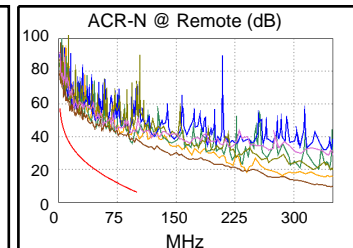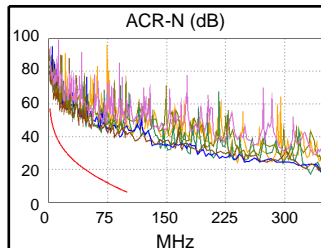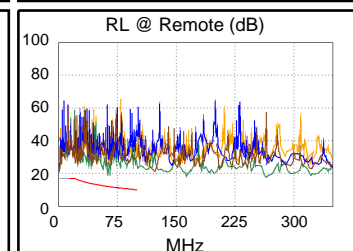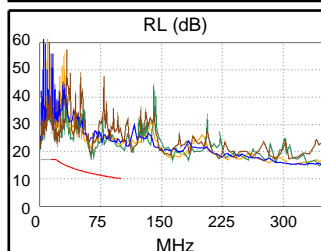
Compliant Network Standards:
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	ATM-25
ATM-51	ATM-155	100VG-AnyLan
TR-4	TR-16 Active	TR-16 Passive

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

Cable ID: 1TRA-019

Test Summary: PASS

Test Limit: TIA Cat 5e Channel
Limits Version: V7.6
Date / Time: 09/01/2022 10:33:48 AM
Operator: ZEKE GOMEZ
Headroom 13.6 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-CHA004)
S/N: 4592417

Remote: Versiv
S/N: 19140163
Software Version: V6.7 Build 1
Calibration Date: 07/01/2022
Adapter: DSX-5000R (DSX-PLA004)
S/N: 4537098

Length (ft), Limit 328	[Pair 7,8]	129
Prop. Delay (ns), Limit 555	[Pair 4,5]	200
Delay Skew (ns), Limit 50	[Pair 4,5]	10
Resistance (ohms)	[Pair 4,5]	7.52
Insertion Loss Margin (dB)	[Pair 4,5]	15.1
Frequency (MHz)	[Pair 4,5]	100.0
Limit (dB)	[Pair 4,5]	24.0

129 ft

Wire Map (T568B)
PASS

Insertion Loss (dB)

	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	1,2-4,5
NEXT (dB)	13.6	13.9	14.1	14.2
Freq. (MHz)	18.5	46.3	85.8	85.3
Limit (dB)	42.5	35.8	31.2	31.3
Worst Pair	1,2	1,2	1,2	1,2
PS NEXT (dB)	14.6	16.0	16.7	17.8
Freq. (MHz)	17.6	62.8	94.5	98.5
Limit (dB)	39.9	30.6	27.5	27.2
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-1,2	1,2-4,5	1,2-4,5	1,2-4,5
ACR-F (dB)	19.6	19.6	23.0	23.2
Freq. (MHz)	3.3	3.3	97.8	99.5
Limit (dB)	47.2	47.2	17.6	17.4
Worst Pair	4,5	4,5	1,2	1,2
PS ACR-F (dB)	22.1	21.8	25.6	25.7
Freq. (MHz)	10.0	1.1	99.5	98.3
Limit (dB)	34.4	53.4	14.4	14.6
N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	1,2-4,5
ACR-N (dB)	18.8	18.4	27.9	28.0
Freq. (MHz)	2.6	2.5	85.8	85.3
Limit (dB)	52.9	53.4	9.2	9.3
Worst Pair	1,2	1,2	1,2	1,2
PS ACR-N (dB)	20.2	20.4	31.4	32.8
Freq. (MHz)	1.8	1.9	94.5	98.5
Limit (dB)	53.4	52.8	4.2	3.4
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	7,8	7,8	3,6
RL (dB)	8.1	11.3	9.7	11.8
Freq. (MHz)	33.8	79.5	95.3	92.3
Limit (dB)	14.7	11.0	10.2	10.4

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

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