

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
1TRA-09	PASS	TIA Cat 5e Channel	180 ft	13.0 dB (NEXT)	10/05/2022 12:59 PM
1TRA-10	PASS	TIA Cat 5e Channel	180 ft	13.1 dB (NEXT)	10/05/2022 01:06 PM

Total Length:	360 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-09

Test Limit: TIA Cat 5e Channel

Limits Version: V7.6

Date / Time: 10/05/2022 12:59:54 PM

Operator: BILLY MOORE

Headroom 13.0 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: 3509259

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: 4644128

Length (ft), Limit 328	[Pair 7,8]	180
Prop. Delay (ns), Limit 555	[Pair 4,5]	280
Delay Skew (ns), Limit 50	[Pair 4,5]	14
Resistance (ohms)	[Pair 3,6]	22.45
Insertion Loss Margin (dB)	[Pair 3,6]	11.5
Frequency (MHz)	[Pair 3,6]	100.0
Limit (dB)	[Pair 3,6]	24.0

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	1,2-3,6
NEXT (dB)	13.9	13.0	15.5	16.4
Freq. (MHz)	41.5	50.8	97.0	94.0
Limit (dB)	36.6	35.1	30.3	30.5
Worst Pair	1,2	1,2	1,2	3,6
PS NEXT (dB)	14.2	14.8	15.5	16.5
Freq. (MHz)	41.5	50.5	97.0	98.3
Limit (dB)	33.6	32.2	27.3	27.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	1,2-4,5	4,5-1,2
ACR-F (dB)	20.3	20.2	22.4	22.5
Freq. (MHz)	52.3	52.0	100.0	100.0
Limit (dB)	23.0	23.1	17.4	17.4
Worst Pair	4,5	3,6	4,5	4,5
PS ACR-F (dB)	22.0	21.8	22.6	22.7
Freq. (MHz)	51.8	54.0	100.0	100.0
Limit (dB)	20.1	19.8	14.4	14.4

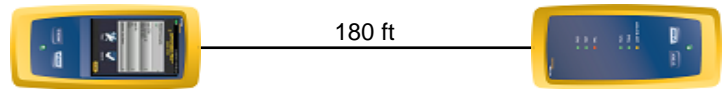
N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-4,5	1,2-3,6
ACR-N (dB)	17.3	15.4	26.8	27.5
Freq. (MHz)	2.8	2.8	97.0	94.0
Limit (dB)	52.5	52.5	6.7	7.3
Worst Pair	1,2	1,2	1,2	3,6
PS ACR-N (dB)	18.1	17.4	26.9	27.9
Freq. (MHz)	3.0	2.9	97.0	98.3
Limit (dB)	48.7	49.1	3.7	3.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	3,6	3,6
RL (dB)	4.0	7.6	6.1	11.7
Freq. (MHz)	14.8	5.8	49.5	63.3
Limit (dB)	17.0	17.0	13.1	12.0

Compliant Network Standards:

10BASE-T 100BASE-TX
1000BASE-T 2.5GBASE-T
ATM-51 ATM-155
TR-4 TR-16 Active

100BASE-T4
ATM-25
100VG-AnyLan
TR-16 Passive

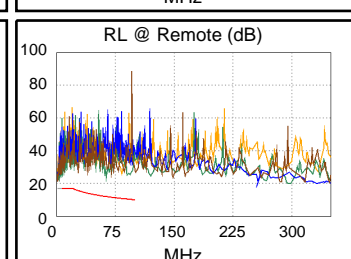
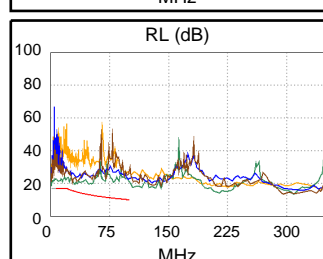
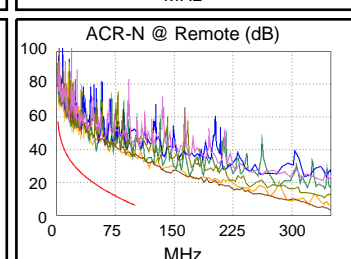
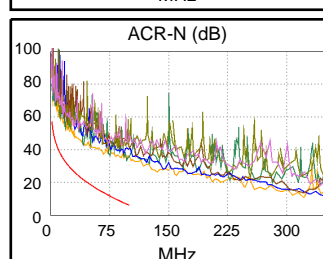
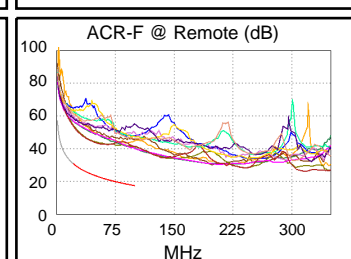
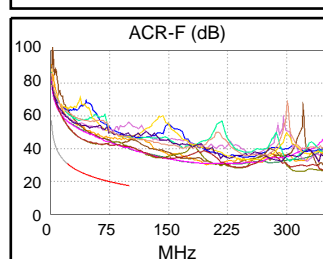
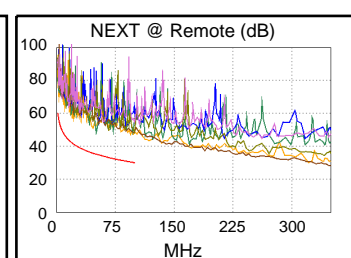
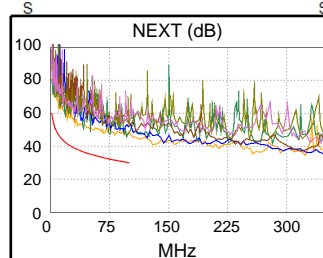
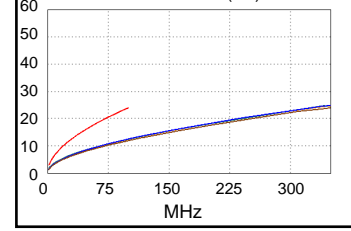


Wire Map (T568A)

PASS



Insertion Loss (dB)





Cable ID: 1TRA-10

Test Limit: TIA Cat 5e Channel

Limits Version: V7.6

Date / Time: 10/05/2022 01:06:54 PM

Operator: BILLY MOORE

Headroom 13.1 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: 3509259

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: 4644128

Length (ft), Limit 328	[Pair 7,8]	180
Prop. Delay (ns), Limit 555	[Pair 4,5]	280
Delay Skew (ns), Limit 50	[Pair 4,5]	14
Resistance (ohms)	[Pair 3,6]	26.26
Insertion Loss Margin (dB)	[Pair 3,6]	11.4
Frequency (MHz)	[Pair 3,6]	100.0
Limit (dB)	[Pair 3,6]	24.0

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	1,2-3,6
NEXT (dB)	13.8	13.1	13.9	16.4
Freq. (MHz)	67.0	50.8	82.0	94.0
Limit (dB)	33.1	35.1	31.6	30.5
Worst Pair	1,2	1,2	1,2	3,6
PS NEXT (dB)	14.0	15.0	15.3	16.6
Freq. (MHz)	41.3	50.5	97.0	98.8
Limit (dB)	33.7	32.2	27.3	27.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	1,2-4,5	4,5-1,2
ACR-F (dB)	20.5	20.3	21.8	22.0
Freq. (MHz)	52.0	52.0	100.0	100.0
Limit (dB)	23.1	23.1	17.4	17.4
Worst Pair	3,6	3,6	4,5	4,5
PS ACR-F (dB)	22.1	21.4	22.2	22.4
Freq. (MHz)	48.5	56.3	100.0	100.0
Limit (dB)	20.7	19.4	14.4	14.4

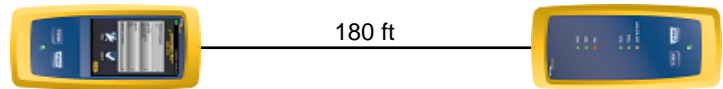
N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-4,5	1,2-3,6
ACR-N (dB)	17.4	14.8	26.9	27.4
Freq. (MHz)	2.8	2.8	97.0	94.0
Limit (dB)	52.5	52.5	6.7	7.3
Worst Pair	1,2	1,2	1,2	3,6
PS ACR-N (dB)	17.8	17.0	26.8	27.9
Freq. (MHz)	2.9	2.8	97.3	98.8
Limit (dB)	49.1	49.5	3.6	3.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	3,6	3,6
RL (dB)	2.4	6.4	3.3	6.4
Freq. (MHz)	14.9	5.8	30.5	5.8
Limit (dB)	17.0	17.0	15.2	17.0

Compliant Network Standards:

10BASE-T 100BASE-TX
1000BASE-T 2.5GBASE-T
ATM-51 ATM-155
TR-4 TR-16 Active

100BASE-T4
ATM-25
100VG-AnyLan
TR-16 Passive



Wire Map (T568A)

PASS



Insertion Loss (dB)

