

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
088	PASS	TIA Cat 6 Channel	52 ft	11.9 dB (NEXT)	06/29/2023 07:19 AM
087	PASS	TIA Cat 6 Channel	48 ft	12.2 dB (NEXT)	06/29/2023 07:19 AM

Total Length:	100 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: 088

Test Limit: TIA Cat 6 Channel

Limits Version: V7.8

Date / Time: 06/29/2023 07:19:31 AM

Operator: RICKY EDWARDS

Headroom 11.9 dB (NEXT 1,2-7,8)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 3459080

Software Version: V6.9 Build 2

Calibration Date: 06/19/2023

Adapter: DSX-5000 (DSX-CHA004)

S/N: 5086474

Test Summary: PASS

Remote: Versiv

S/N: 3459081

Software Version: V6.9 Build 2

Calibration Date: 06/19/2023

Adapter: DSX-5000R (DSX-CHA004)

S/N: 3428418

Length (ft), Limit 328	[Pair 7,8]	52
Prop. Delay (ns), Limit 555	[Pair 4,5]	83
Delay Skew (ns), Limit 50	[Pair 4,5]	6
Resistance (ohms)	[Pair 1,2]	2.58
Insertion Loss Margin (dB)	[Pair 4,5]	30.7
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9



52 ft

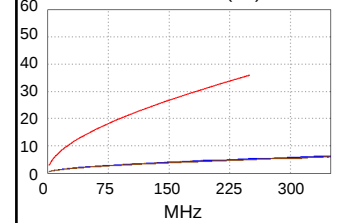


Wire Map (T568B)

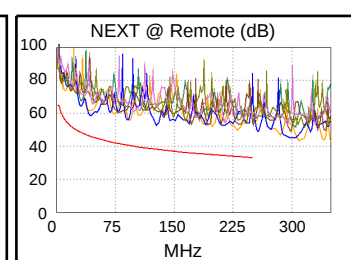
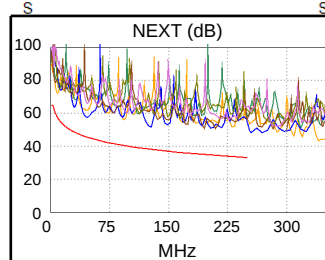
PASS



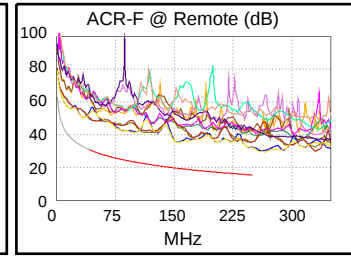
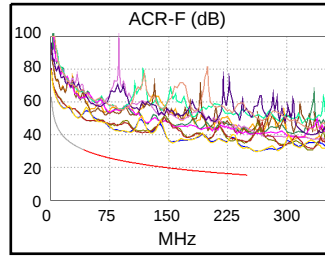
Insertion Loss (dB)



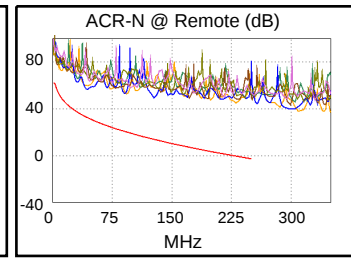
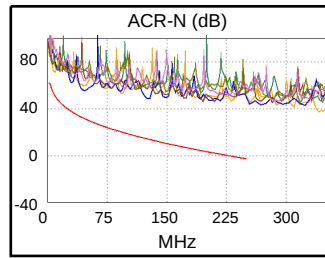
	Worst Case Margin	Worst Case Value		
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	1,2-7,8	1,2-3,6
NEXT (dB)	11.9	12.5	16.2	16.2
Freq. (MHz)	45.8	43.3	205.0	231.0
Limit (dB)	45.7	46.1	34.6	33.7
Worst Pair	1,2	1,2	3,6	3,6
PS NEXT (dB)	13.3	13.5	17.9	16.9
Freq. (MHz)	45.8	43.0	209.5	232.0
Limit (dB)	42.9	43.4	31.5	30.7



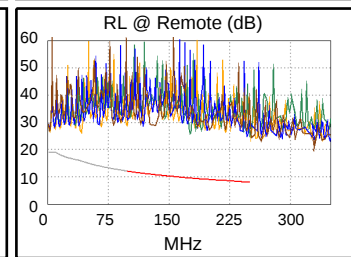
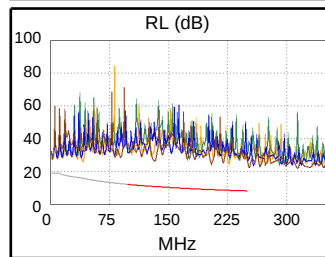
	Worst Case Margin	Worst Case Value		
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-1,2	1,2-7,8	7,8-1,2	7,8-1,2
ACR-F (dB)	15.4	15.7	16.0	16.5
Freq. (MHz)	155.0	155.0	244.5	250.0
Limit (dB)	19.5	19.5	15.5	15.3
Worst Pair	1,2	1,2	1,2	1,2
PS ACR-F (dB)	17.9	18.3	18.5	18.8
Freq. (MHz)	155.0	156.0	250.0	250.0
Limit (dB)	16.5	16.4	12.3	12.3



	Worst Case Margin	Worst Case Value		
N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	1,2-3,6	1,2-3,6
ACR-N (dB)	19.0	21.3	47.1	45.6
Freq. (MHz)	7.9	5.8	232.5	231.0
Limit (dB)	52.7	55.7	-0.8	-0.6
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	20.6	21.7	48.3	46.4
Freq. (MHz)	7.9	5.8	232.5	232.0
Limit (dB)	50.1	53.2	-3.7	-3.7



	Worst Case Margin	Worst Case Value		
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	4,5	7,8	4,5
RL (dB)	15.4	16.2	15.4	16.2
Freq. (MHz)	205.0	239.5	205.0	239.5
Limit (dB)	8.9	8.2	8.9	8.2



Compliant Network Standards:

10BASE-T
1000BASE-T
ATM-25
100VG-AnyLan
TR-16 Passive

100BASE-T4
5GBASE-T
ATM-155
TR-16 Active



Cable ID: 087

Test Limit: TIA Cat 6 Channel

Limits Version: V7.8

Date / Time: 06/29/2023 07:19:08 AM

Operator: RICKY EDWARDS

Headroom 12.2 dB (NEXT 1,2-7,8)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 3459080

Software Version: V6.9 Build 2

Calibration Date: 06/19/2023

Adapter: DSX-5000 (DSX-CHA004)

S/N: 5086474

Test Summary: PASS

Remote: Versiv

S/N: 3459081

Software Version: V6.9 Build 2

Calibration Date: 06/19/2023

Adapter: DSX-5000R (DSX-CHA004)

S/N: 3428418

Length (ft), Limit 328	[Pair 7,8]	48
Prop. Delay (ns), Limit 555	[Pair 4,5]	74
Delay Skew (ns), Limit 50	[Pair 4,5]	4
Resistance (ohms)	[Pair 4,5]	2.25
Insertion Loss Margin (dB)	[Pair 3,6]	31.6
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9



48 ft

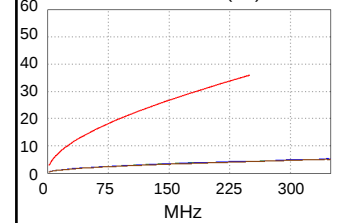


Wire Map (T568B)

PASS

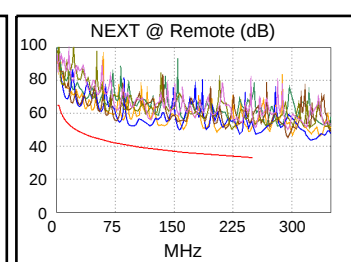
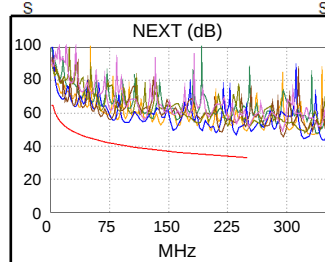


Insertion Loss (dB)

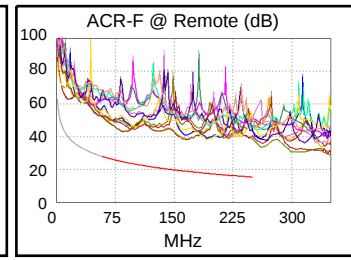
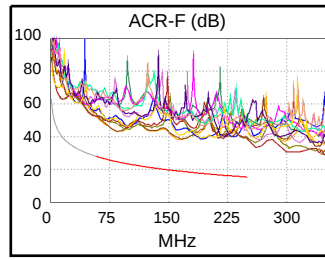


Worst Case Margin Worst Case Value

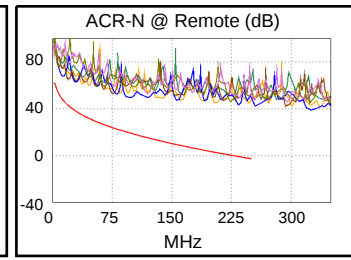
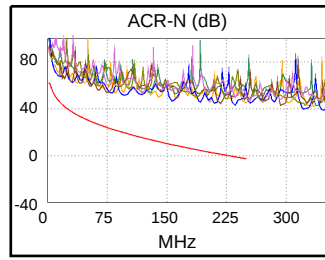
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	1,2-7,8	1,2-7,8
NEXT (dB)	13.1	12.2	13.2	13.8
Freq. (MHz)	157.0	97.0	235.5	234.5
Limit (dB)	36.6	40.2	33.6	33.6
Worst Pair	1,2	1,2	7,8	7,8
PS NEXT (dB)	14.8	13.5	15.3	15.8
Freq. (MHz)	95.5	94.8	235.5	235.0
Limit (dB)	37.4	37.5	30.6	30.6



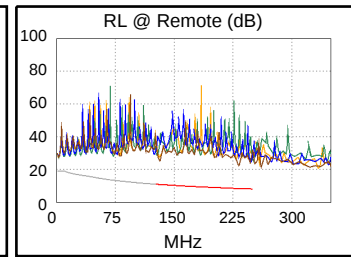
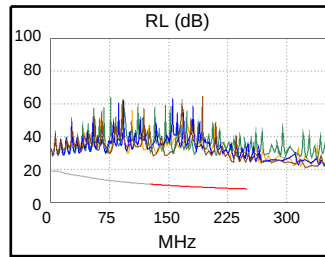
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-1,2	1,2-3,6	3,6-1,2
ACR-F (dB)	18.2	18.2	19.2	19.3
Freq. (MHz)	84.0	84.0	166.5	167.0
Limit (dB)	24.8	24.8	18.8	18.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	20.3	20.2	22.6	23.4
Freq. (MHz)	84.0	88.8	219.0	217.5
Limit (dB)	21.8	21.3	13.4	13.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	1,2-7,8	1,2-7,8
ACR-N (dB)	20.8	19.7	43.8	44.3
Freq. (MHz)	11.1	11.6	235.5	234.5
Limit (dB)	49.1	48.7	-1.1	-1.0
Worst Pair	1,2	1,2	7,8	7,8
PS ACR-N (dB)	21.4	21.2	45.9	46.3
Freq. (MHz)	11.8	11.6	235.5	235.0
Limit (dB)	46.0	46.1	-4.1	-4.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	15.0	14.0	15.0	14.0
Freq. (MHz)	231.0	232.5	231.0	232.5
Limit (dB)	8.4	8.3	8.4	8.3



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		