



Cable ID: 24023-3UTPCAT6:57CCAA80.3M

Test Summary: PASS

Test Limit: TIA Cat 6 Channel

Limits Version: V7.6

Date / Time: 05/14/2024 12:39:02 PM

Headroom 12.7 dB (NEXT 1,2-4,5)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 21220348

Software Version: V6.7 Build 1

Calibration Date: 03/29/2022

Adapter: DSX-5000 (DSX-CHA004)

S/N: 21435030

Remote: Versiv

S/N: 21250193

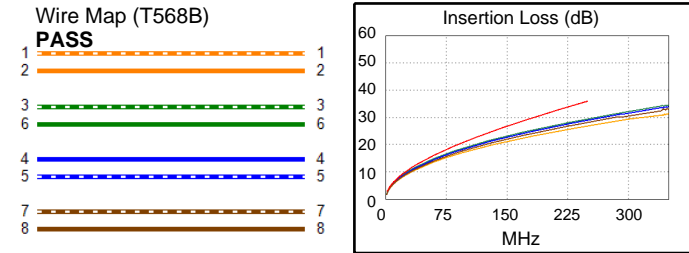
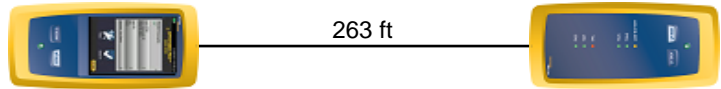
Software Version: V6.7 Build 1

Calibration Date: 03/29/2022

Adapter: DSX-5000R (DSX-CHA004)

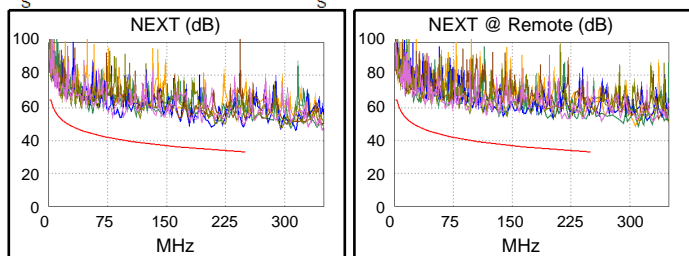
S/N: 21435026

Length (ft), Limit 328	[Pair 1,2]	263
Prop. Delay (ns), Limit 555	[Pair 3,6]	408
Delay Skew (ns), Limit 50	[Pair 3,6]	20
Resistance (ohms)	[Pair 7,8]	19.25
Insertion Loss Margin (dB)	[Pair 3,6]	6.5
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

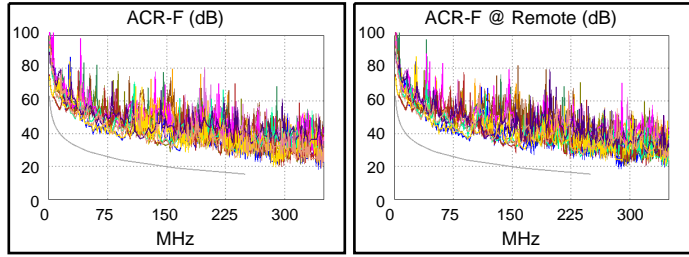


Worst Case Margin Worst Case Value

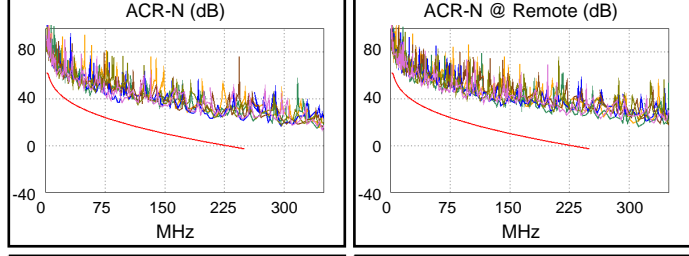
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-7,8	4,5-7,8
NEXT (dB)	12.7	12.9	13.8	18.6
Freq. (MHz)	56.0	24.6	208.5	221.0
Limit (dB)	44.2	50.1	34.5	34.0
Worst Pair	7,8	4,5	7,8	1,2
PS NEXT (dB)	12.9	13.9	15.6	18.8
Freq. (MHz)	28.9	24.6	248.0	202.0
Limit (dB)	46.3	47.5	30.2	31.8



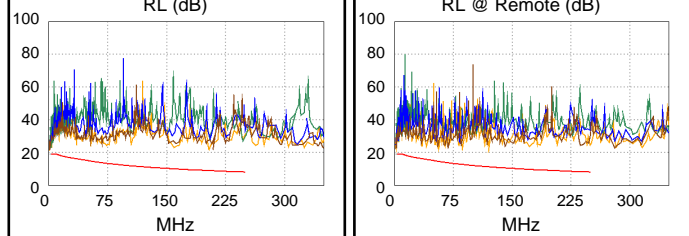
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-4,5	4,5-7,8	7,8-4,5	4,5-7,8
ACR-F (dB)	9.2	9.9	9.2	10.1
Freq. (MHz)	232.0	232.0	232.0	237.5
Limit (dB)	15.9	15.9	15.9	15.7
Worst Pair	4,5	7,8	4,5	7,8
PS ACR-F (dB)	10.8	11.0	10.8	11.0
Freq. (MHz)	232.0	240.0	232.0	240.0
Limit (dB)	12.9	12.7	12.9	12.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	1,2-4,5	1,2-7,8	1,2-4,5
ACR-N (dB)	13.8	13.6	23.3	26.4
Freq. (MHz)	13.8	24.6	248.0	244.0
Limit (dB)	46.9	40.1	-2.6	-2.1
Worst Pair	7,8	4,5	7,8	4,5
PS ACR-N (dB)	14.1	14.7	23.6	27.4
Freq. (MHz)	28.9	24.6	248.0	244.0
Limit (dB)	35.4	37.4	-5.6	-5.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	1,2
RL (dB)	6.6	7.3	12.8	7.3
Freq. (MHz)	4.3	56.0	204.0	56.0
Limit (dB)	19.0	14.5	8.9	14.5



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



Cable ID: 24023-3UTPCAT6:57CCAA83.8M

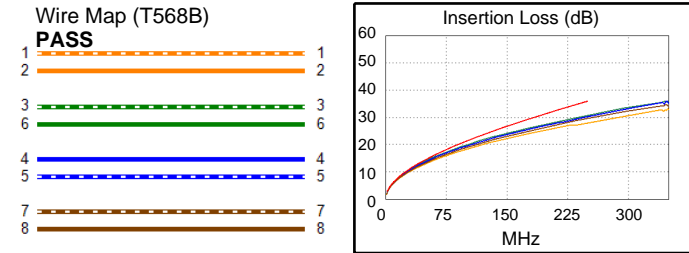
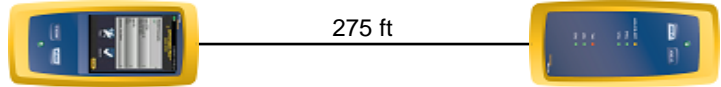
Test Limit: TIA Cat 6 Channel
Limits Version: V7.6
Date / Time: 05/14/2024 12:53:45 PM
Headroom 9.7 dB (NEXT 4,5-7,8)
Cable Type: Cat 6 U/UTP
NVP: 69.0%

Main: Versiv
S/N: 21220348
Software Version: V6.7 Build 1
Calibration Date: 03/29/2022
Adapter: DSX-5000 (DSX-CHA004)
S/N: 21435030

Test Summary: PASS

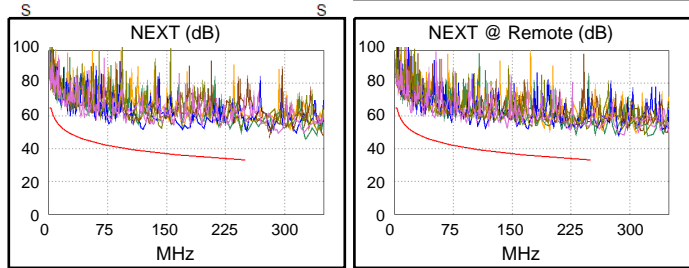
Remote: Versiv
S/N: 21250193
Software Version: V6.7 Build 1
Calibration Date: 03/29/2022
Adapter: DSX-5000R (DSX-CHA004)
S/N: 21435026

Length (ft), Limit 328	[Pair 1,2]	275
Prop. Delay (ns), Limit 555	[Pair 3,6]	424
Delay Skew (ns), Limit 50	[Pair 3,6]	19
Resistance (ohms)	[Pair 7,8]	19.96
Insertion Loss Margin (dB)	[Pair 3,6]	5.0
Frequency (MHz)	[Pair 3,6]	249.5
Limit (dB)	[Pair 3,6]	35.9

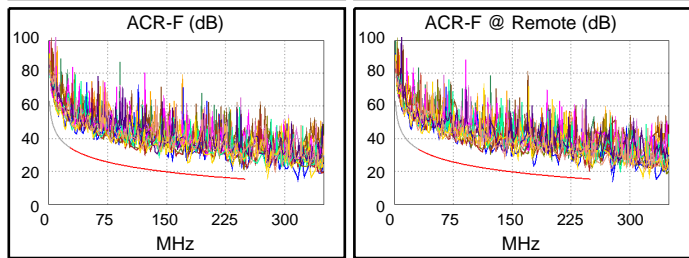


Worst Case Margin Worst Case Value

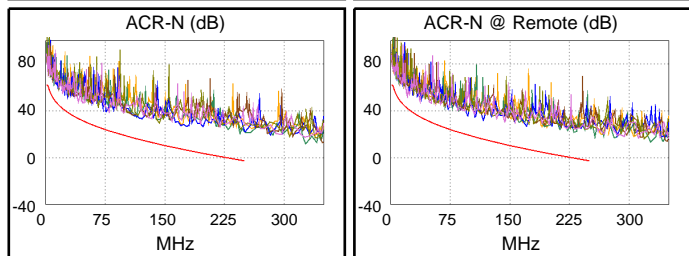
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	4,5-7,8	1,2-4,5	1,2-4,5
NEXT (dB)	12.0	9.7	16.9	15.1
Freq. (MHz)	16.4	21.0	245.0	232.0
Limit (dB)	53.1	51.3	33.3	33.7
Worst Pair	4,5	4,5	1,2	4,5
PS NEXT (dB)	12.0	11.6	15.6	15.9
Freq. (MHz)	16.5	21.0	170.5	232.0
Limit (dB)	50.4	48.6	33.1	30.7



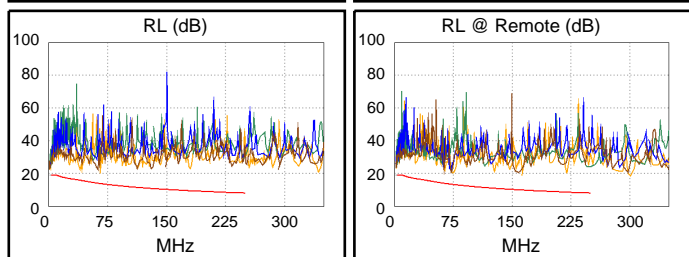
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	1,2-7,8	4,5-3,6
ACR-F (dB)	5.7	5.3	5.7	5.6
Freq. (MHz)	234.0	177.5	234.0	248.5
Limit (dB)	15.9	18.3	15.9	15.4
Worst Pair	4,5	7,8	4,5	3,6
PS ACR-F (dB)	7.8	8.0	7.8	8.4
Freq. (MHz)	248.5	177.5	248.5	248.5
Limit (dB)	12.4	15.3	12.4	12.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	4,5-7,8	1,2-4,5	1,2-4,5
ACR-N (dB)	12.3	10.4	22.4	20.5
Freq. (MHz)	16.4	21.0	245.0	232.0
Limit (dB)	44.9	42.0	-2.3	-0.7
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-N (dB)	12.2	11.9	25.0	21.3
Freq. (MHz)	16.4	21.0	245.0	232.0
Limit (dB)	42.3	39.4	-5.2	-3.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	7,8	1,2
RL (dB)	5.5	6.9	8.0	6.9
Freq. (MHz)	2.9	75.0	62.5	75.0
Limit (dB)	19.0	13.2	14.0	13.2



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



Cable ID: 24023-3UTPCAT6:57CCAA83.3M

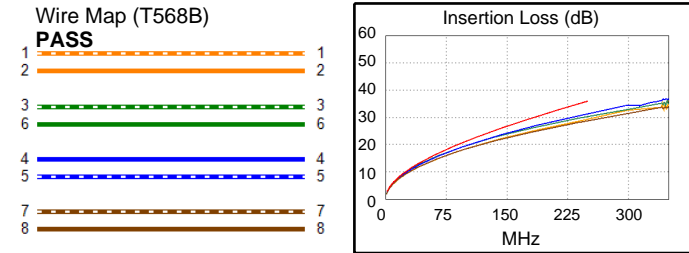
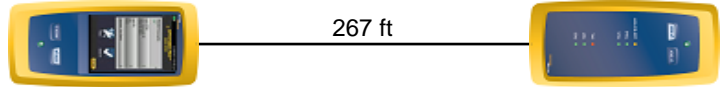
Test Summary: PASS

Test Limit: TIA Cat 6 Channel
Limits Version: V7.6
Date / Time: 05/14/2024 02:58:43 PM
Headroom 12.4 dB (NEXT 1,2-3,6)
Cable Type: Cat 6 U/UTP
NVP: 69.0%

Main: Versiv
S/N: 21220348
Software Version: V6.7 Build 1
Calibration Date: 03/29/2022
Adapter: DSX-5000 (DSX-CHA004)
S/N: 21435030

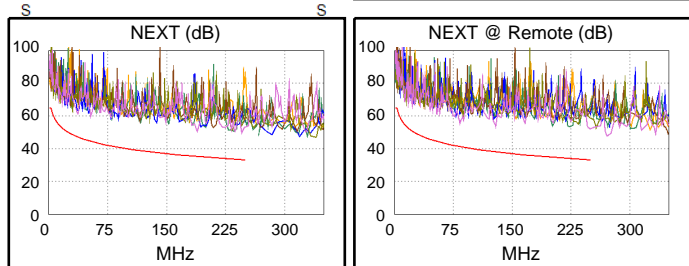
Remote: Versiv
S/N: 21250193
Software Version: V6.7 Build 1
Calibration Date: 03/29/2022
Adapter: DSX-5000R (DSX-CHA004)
S/N: 21435026

Length (ft), Limit 328	[Pair 1,2]	267
Prop. Delay (ns), Limit 555	[Pair 3,6]	413
Delay Skew (ns), Limit 50	[Pair 3,6]	20
Resistance (ohms)	[Pair 4,5]	19.67
Insertion Loss Margin (dB)	[Pair 4,5]	4.7
Frequency (MHz)	[Pair 4,5]	248.5
Limit (dB)	[Pair 4,5]	35.8

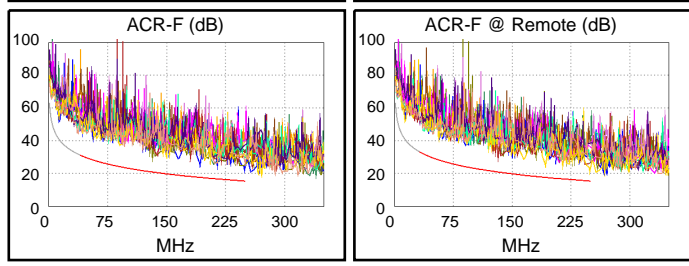


Worst Case Margin Worst Case Value

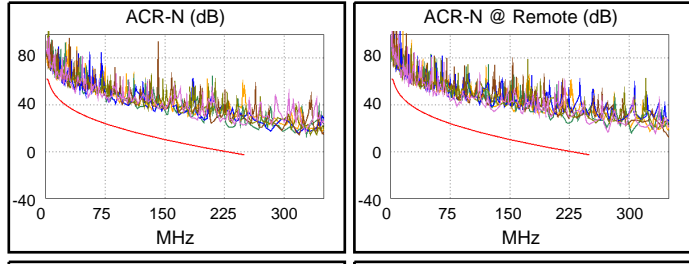
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	4,5-7,8	4,5-7,8
NEXT (dB)	12.4	13.2	16.3	19.0
Freq. (MHz)	3.3	3.5	246.5	250.0
Limit (dB)	64.5	64.0	33.2	33.1
Worst Pair	3,6	3,6	7,8	7,8
PS NEXT (dB)	12.4	12.7	17.3	20.1
Freq. (MHz)	3.3	3.5	233.0	250.0
Limit (dB)	62.0	61.5	30.7	30.2



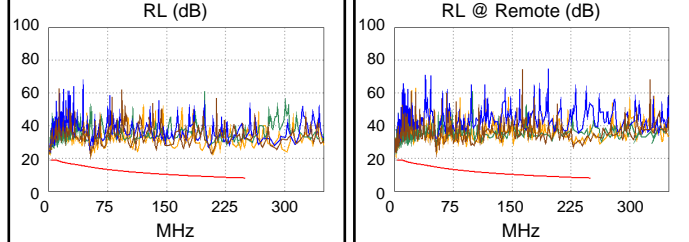
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	7,8-1,2	1,2-7,8	7,8-1,2
ACR-F (dB)	5.2	4.3	5.2	4.3
Freq. (MHz)	250.0	249.5	250.0	249.5
Limit (dB)	15.3	15.3	15.3	15.3
Worst Pair	7,8	1,2	7,8	1,2
PS ACR-F (dB)	7.6	7.2	7.6	7.2
Freq. (MHz)	250.0	249.5	250.0	249.5
Limit (dB)	12.3	12.3	12.3	12.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	1,2-4,5	4,5-7,8
ACR-N (dB)	12.5	13.5	20.4	26.1
Freq. (MHz)	3.3	3.5	230.0	250.0
Limit (dB)	60.9	60.2	-0.5	-2.8
Worst Pair	3,6	3,6	4,5	4,5
PS ACR-N (dB)	12.5	12.9	22.9	26.2
Freq. (MHz)	3.3	3.6	245.5	248.5
Limit (dB)	58.4	57.4	-5.3	-5.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	3,6	1,2	7,8
RL (dB)	5.8	7.5	5.8	8.8
Freq. (MHz)	54.3	2.8	54.3	53.3
Limit (dB)	14.7	19.0	14.7	14.7



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