

LinkWare Live

Official Summary

Certification Report



Exclusively For:	Prepared By:	Projects
	Systec101	Additional Drops
	Murat Yildirim	
	info@systec101.com	

Product Name	Serial Number	Firmware Version	Calibration Date
DSX-8000	1927404	V6.12 Build 2	10/31/2022
DSX-8000	1927408	V6.12 Build 2	10/31/2022

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
1-7-17	PASS	TIA Cat 6 Channel	154 ft	3.0 dB (NEXT)	11/13/2025 07:57:27 PM
1-7-18	PASS	TIA Cat 6 Channel	154 ft	3.0 dB (NEXT)	11/13/2025 07:57:43 PM
1-7-19	PASS	TIA Cat 6 Channel	191 ft	4.6 dB (NEXT)	11/13/2025 08:03:10 PM
2-8-6	PASS	TIA Cat 6 Channel	258 ft	6.4 dB (NEXT)	11/13/2025 08:38:00 PM
2-8-7	PASS	TIA Cat 6 Channel	108 ft	1.9 dB (NEXT)	11/13/2025 08:50:50 PM
2-8-8	PASS	TIA Cat 6 Channel	106 ft	6.3 dB (NEXT)	11/13/2025 08:23:07 PM
2-8-9	PASS	TIA Cat 6 Channel	131 ft	4.2 dB (NEXT)	11/13/2025 09:01:38 PM
3-11-17	PASS	TIA Cat 6 Channel	80 ft	2.8 dB (NEXT)	11/13/2025 08:12:49 PM
4-12-22	PASS	TIA Cat 6 Channel	247 ft	2.1 dB (NEXT)	11/13/2025 09:18:54 PM
4-12-23	PASS	TIA Cat 6 Channel	247 ft	2.0 dB (NEXT)	11/13/2025 09:20:12 PM

Total Length:	1676 ft
No of Reports:	10
No of Passing Reports:	10
No of Failing Reports:	0
No of Warning Reports:	0
Documentation only:	0



Cable ID: 1-7-17

Date / Time: 11/13/2025 07:57:27 PM
Headroom: 3 dB (NEXT)
Test Limit: TIA Cat 6 Channel
Cable Type: Cat 6 U/UTP
NVP: 69.0%
Project: Additional Drops

Software Version: V6.12 Build 2
Calibration Date:
Main (Module): 10/31/2022
Remote (Module): 10/31/2022

Model: DSX-8000
Main S/N: 1927404
Remote S/N: 1927408
Main Adapter: DSX-CHA804
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	154
Prop. Delay (ns), Limit 555	[Pair 7,8]	242
Delay Skew (ns), Limit 50	[Pair 7,8]	15
Resistance (ohms)	[Pair 7,8]	8.9
Insertion Loss Margin (dB)	[Pair 3,6]	19.8
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	3,6-7,8	3,6-7,8	3,6-7,8	4,5-7,8
NEXT (dB)	3.0	4.5	3.0	4.7
Freq. (MHz)	225.5	80.8	225.5	246.5
Limit (dB)	33.9	41.5	33.9	33.2
Worst Pair	3,6	7,8	3,6	7,8
PS NEXT (dB)	3.5	5.6	3.5	5.9
Freq. (MHz)	249.5	85.5	249.5	247.5
Limit (dB)	30.2	38.3	30.2	30.2

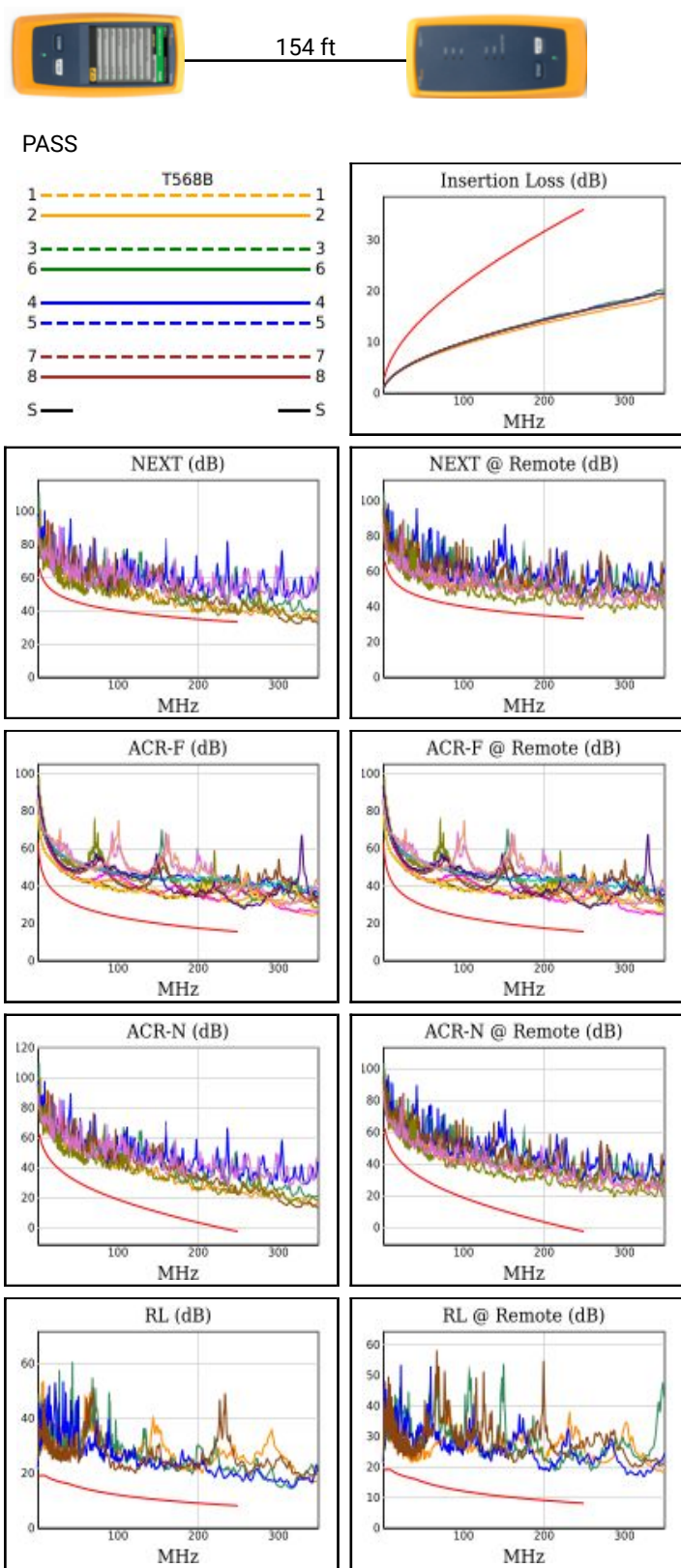
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	7,8-3,6	3,6-7,8
ACR-F (dB)	12.7	12.8	14.2	14.3
Freq. (MHz)	72.5	72.5	248.5	248.5
Limit (dB)	26.1	26.1	15.4	15.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	13.1	13.5	14.6	16.0
Freq. (MHz)	40.8	43.5	248.5	247.5
Limit (dB)	28.1	27.5	12.4	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-4,5	4,5-7,8
ACR-N (dB)	9.1	8.7	24.4	24.3
Freq. (MHz)	7.9	7.9	250.0	246.5
Limit (dB)	52.7	52.7	-2.8	-2.4
Worst Pair	3,6	3,6	3,6	7,8
PS ACR-N (dB)	10.6	10.0	23.3	25.6
Freq. (MHz)	7.9	8.1	249.5	247.5
Limit (dB)	50.1	49.8	-5.7	-5.5

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	4,5
RL (dB)	7.3	5.0	9.7	9.6
Freq. (MHz)	29.9	36.8	233.0	207.0
Limit (dB)	16.6	16.2	8.3	8.8

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		





Cable ID: 1-7-18

Date / Time: 11/13/2025 07:57:43 PM

Headroom: 3 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Additional Drops

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

Remote S/N: 1927408

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	154
Prop. Delay (ns), Limit 555	[Pair 7,8]	242
Delay Skew (ns), Limit 50	[Pair 7,8]	15
Resistance (ohms)	[Pair 7,8]	8.9
Insertion Loss Margin (dB)	[Pair 3,6]	19.8
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	3,6-7,8	3,6-7,8	3,6-7,8	4,5-7,8
NEXT (dB)	3.0	4.5	3.0	4.7
Freq. (MHz)	225.5	80.8	225.5	246.5
Limit (dB)	33.9	41.5	33.9	33.2
Worst Pair	3,6	7,8	3,6	7,8
PS NEXT (dB)	3.6	5.6	3.6	5.9
Freq. (MHz)	250.0	85.5	250.0	247.5
Limit (dB)	30.2	38.3	30.2	30.2

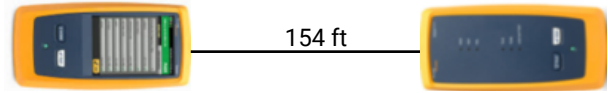
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	7,8-3,6	3,6-7,8
ACR-F (dB)	12.7	12.7	14.3	14.4
Freq. (MHz)	72.5	72.5	248.5	248.5
Limit (dB)	26.1	26.1	15.4	15.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	13.1	13.5	14.6	16.1
Freq. (MHz)	40.8	43.5	248.5	247.5
Limit (dB)	28.1	27.5	12.4	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-4,5	4,5-7,8
ACR-N (dB)	9.1	8.7	24.4	24.3
Freq. (MHz)	7.9	7.9	250.0	246.5
Limit (dB)	52.7	52.7	-2.8	-2.4
Worst Pair	3,6	3,6	3,6	7,8
PS ACR-N (dB)	10.5	9.9	23.5	25.6
Freq. (MHz)	7.8	8.1	250.0	247.5
Limit (dB)	50.3	49.8	-5.8	-5.5

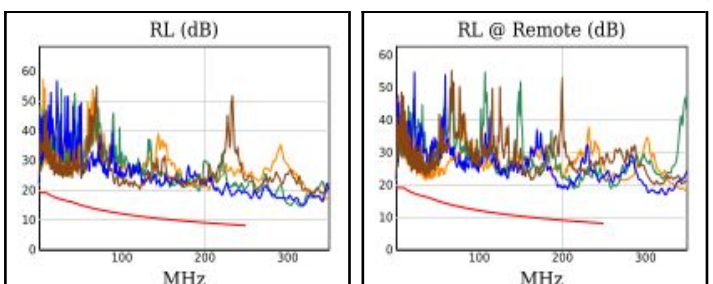
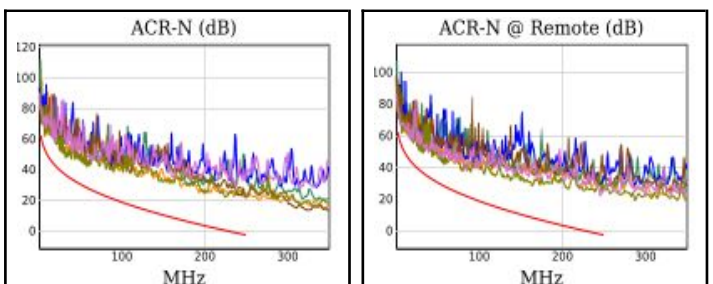
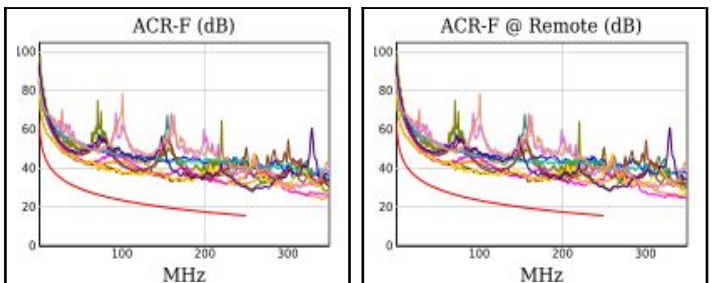
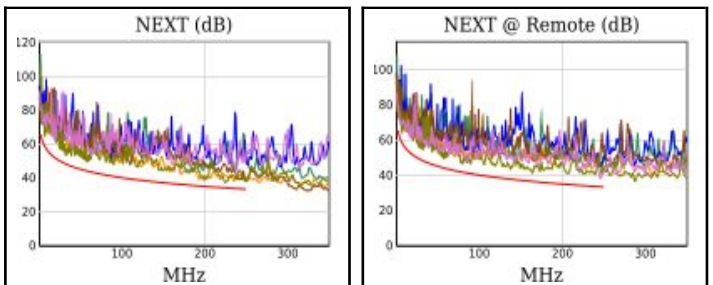
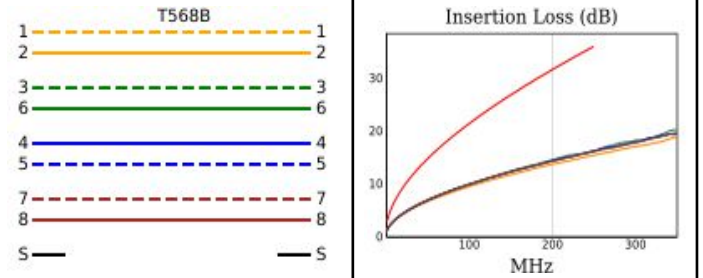
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	4,5
RL (dB)	7.4	5.0	9.7	9.6
Freq. (MHz)	19.1	36.5	233.0	207.0
Limit (dB)	17.6	16.2	8.3	8.8

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		



PASS





Cable ID: 1-7-19

Date / Time: 11/13/2025 08:03:10 PM

Headroom: 4.6 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Additional Drops

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

Remote S/N: 1927408

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	191
Prop. Delay (ns), Limit 555	[Pair 7,8]	299
Delay Skew (ns), Limit 50	[Pair 7,8]	18
Resistance (ohms)	[Pair 7,8]	10.6
Insertion Loss Margin (dB)	[Pair 3,6]	16.0
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	1,2-3,6	3,6-7,8	3,6-4,5	1,2-4,5
NEXT (dB)	6.0	4.6	6.2	6.3
Freq. (MHz)	141.0	159.0	234.5	242.5
Limit (dB)	37.4	36.5	33.6	33.3
Worst Pair	3,6	7,8	3,6	4,5
PS NEXT (dB)	6.7	5.5	6.7	5.7
Freq. (MHz)	233.0	159.0	233.0	233.5
Limit (dB)	30.7	33.6	30.7	30.7

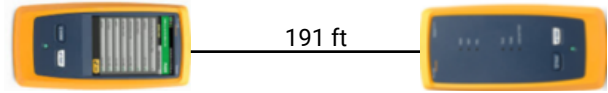
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	7,8-3,6	3,6-7,8	1,2-4,5
ACR-F (dB)	11.7	11.7	15.2	14.7
Freq. (MHz)	66.8	66.8	249.5	250.0
Limit (dB)	26.8	26.8	15.3	15.3
Worst Pair	3,6	3,6	7,8	7,8
PS ACR-F (dB)	11.7	11.5	15.7	16.5
Freq. (MHz)	3.8	2.1	249.5	249.0
Limit (dB)	48.8	53.7	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	1,2-4,5
ACR-N (dB)	9.1	8.4	21.6	22.0
Freq. (MHz)	3.5	3.4	234.5	242.5
Limit (dB)	60.2	60.5	-1.0	-2.0
Worst Pair	4,5	3,6	3,6	7,8
PS ACR-N (dB)	10.0	9.3	22.1	22.4
Freq. (MHz)	7.3	5.3	233.0	249.0
Limit (dB)	50.9	54.0	-3.8	-5.7

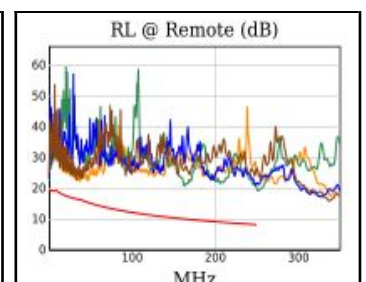
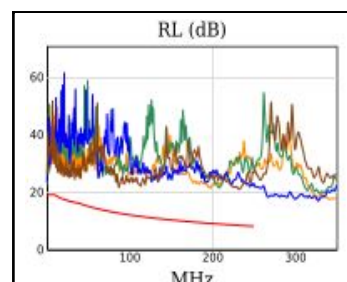
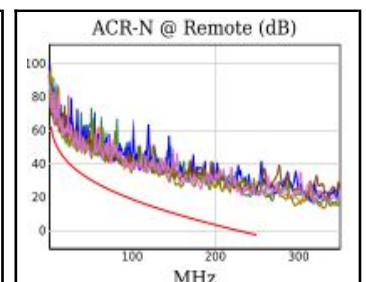
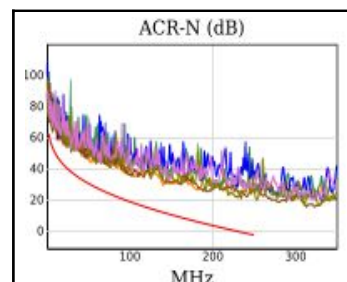
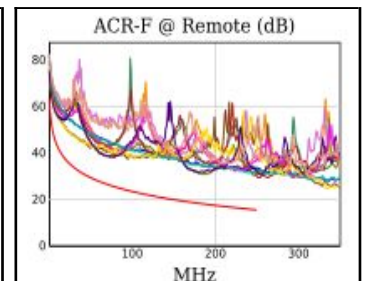
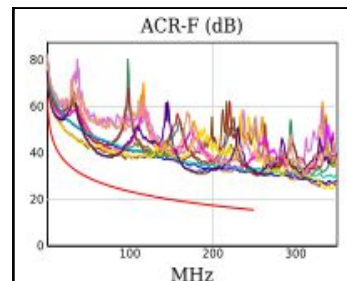
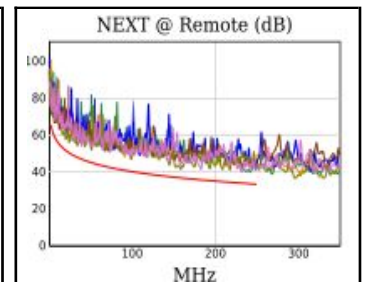
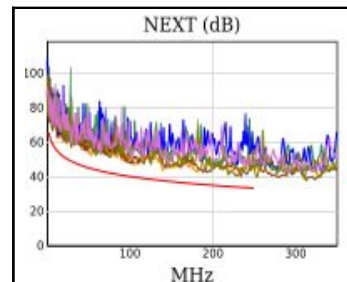
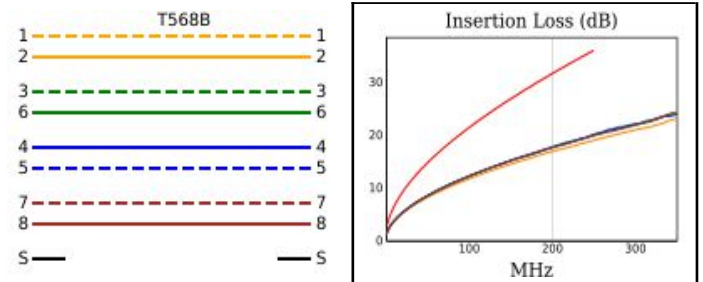
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	3,6
RL (dB)	7.9	5.8	12.6	12.3
Freq. (MHz)	34.5	38.0	232.5	250.0
Limit (dB)	16.3	16.1	8.3	8.0

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		



PASS





Cable ID: 2-8-6

Date / Time: 11/13/2025 08:38:00 PM

Headroom: 6.4 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Additional Drops

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

Remote S/N: 1927408

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	258
Prop. Delay (ns), Limit 555	[Pair 7,8]	407
Delay Skew (ns), Limit 50	[Pair 7,8]	27
Resistance (ohms)	[Pair 7,8]	14.4
Insertion Loss Margin (dB)	[Pair 4,5]	8.7
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	3,6-7,8
NEXT (dB)	7.1	6.4	7.1	6.4
Freq. (MHz)	219.5	214.0	219.5	214.0
Limit (dB)	34.1	34.3	34.1	34.3
Worst Pair	3,6	7,8	3,6	7,8
PS NEXT (dB)	8.1	7.8	8.1	7.9
Freq. (MHz)	219.5	214.0	219.5	238.5
Limit (dB)	31.1	31.3	31.1	30.5

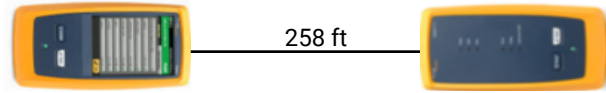
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	3,6-4,5	4,5-3,6
ACR-F (dB)	10.6	10.7	12.2	12.3
Freq. (MHz)	19.0	13.1	250.0	250.0
Limit (dB)	37.7	40.9	15.3	15.3
Worst Pair	7,8	7,8	3,6	3,6
PS ACR-F (dB)	11.8	11.7	13.5	13.4
Freq. (MHz)	84.0	1.4	250.0	250.0
Limit (dB)	21.8	57.5	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	3,6-7,8	3,6-7,8
ACR-N (dB)	8.9	9.3	16.9	18.0
Freq. (MHz)	17.0	10.1	236.0	244.5
Limit (dB)	44.5	50.1	-1.2	-2.2
Worst Pair	7,8	1,2	3,6	7,8
PS ACR-N (dB)	9.9	10.9	16.0	16.5
Freq. (MHz)	17.0	10.3	219.5	238.5
Limit (dB)	41.9	47.4	-2.1	-4.4

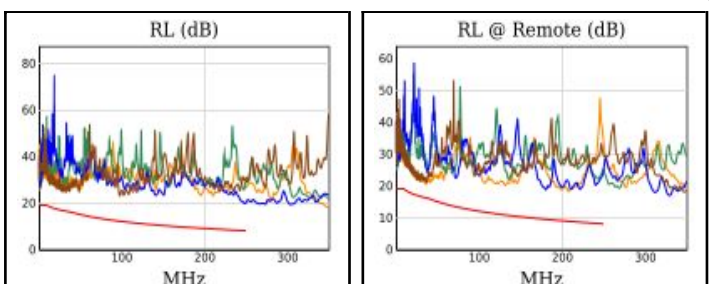
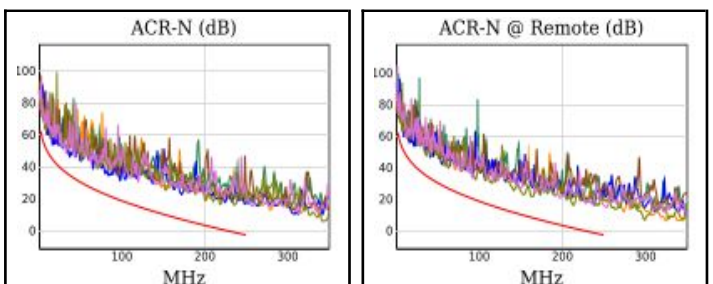
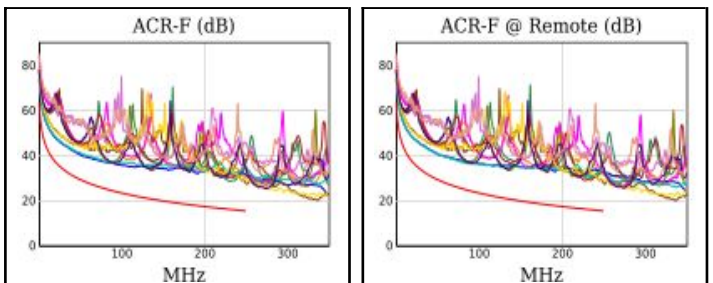
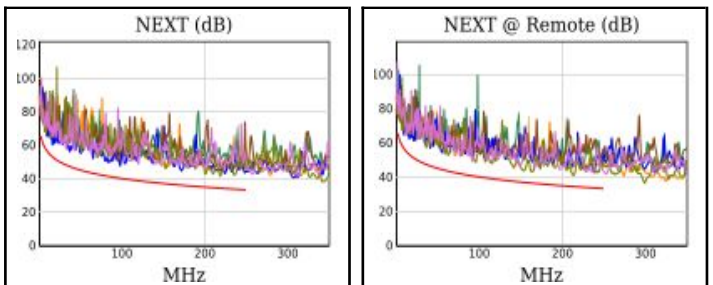
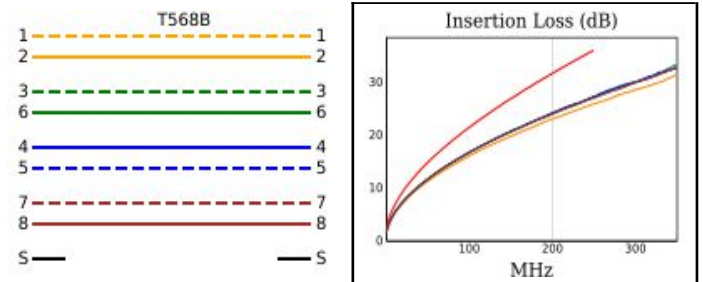
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	1,2
RL (dB)	8.0	4.1	11.7	9.3
Freq. (MHz)	32.8	36.8	249.5	208.0
Limit (dB)	16.4	16.2	8.0	8.8

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		



PASS





Cable ID: 2-8-7

Date / Time: 11/13/2025 08:50:50 PM

Headroom: 1.9 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Additional Drops

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

Remote S/N: 1927408

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	108
Prop. Delay (ns), Limit 555	[Pair 7,8]	168
Delay Skew (ns), Limit 50	[Pair 7,8]	9
Resistance (ohms)	[Pair 7,8]	5.8
Insertion Loss Margin (dB)	[Pair 3,6]	24.4
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	3,6-7,8	3,6-4,5	3,6-7,8	3,6-4,5
NEXT (dB)	1.9	3.1	1.9	4.6
Freq. (MHz)	208.0	55.3	208.0	250.0
Limit (dB)	34.5	44.3	34.5	33.1
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	4.0	4.1	4.0	6.0
Freq. (MHz)	208.0	55.5	208.0	250.0
Limit (dB)	31.6	41.5	31.6	30.2

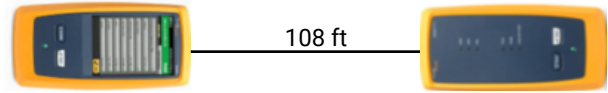
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	4,5-3,6	1,2-4,5	1,2-4,5
ACR-F (dB)	12.1	12.3	12.4	12.6
Freq. (MHz)	234.0	51.8	245.5	250.0
Limit (dB)	15.9	29.0	15.5	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.2	12.0	12.6	12.2
Freq. (MHz)	13.3	1.0	250.0	250.0
Limit (dB)	37.8	60.3	12.3	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-7,8	3,6-4,5
ACR-N (dB)	9.6	8.0	24.0	29.1
Freq. (MHz)	3.1	3.3	208.0	250.0
Limit (dB)	61.2	60.9	2.2	-2.8
Worst Pair	3,6	4,5	7,8	3,6
PS ACR-N (dB)	11.0	9.8	30.2	30.5
Freq. (MHz)	7.9	3.3	245.0	250.0
Limit (dB)	50.1	58.4	-5.2	-5.8

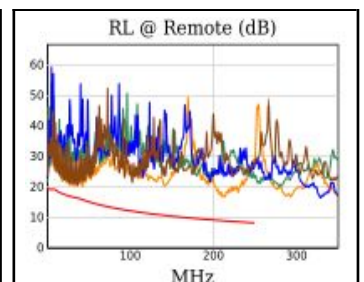
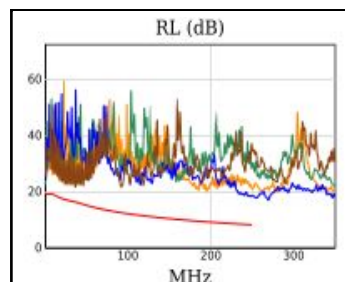
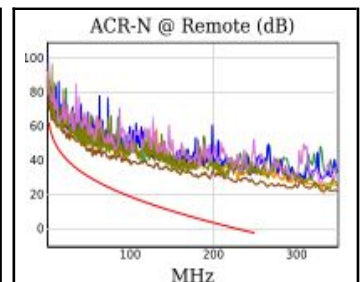
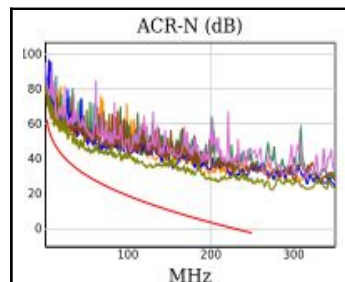
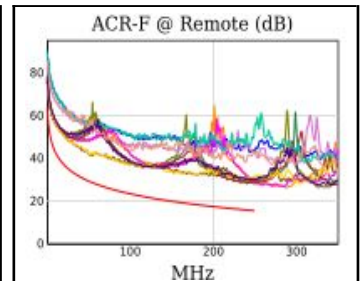
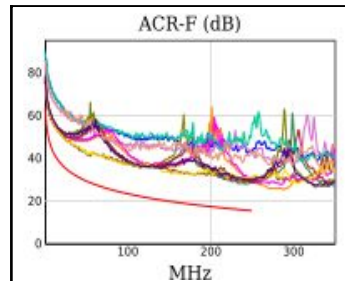
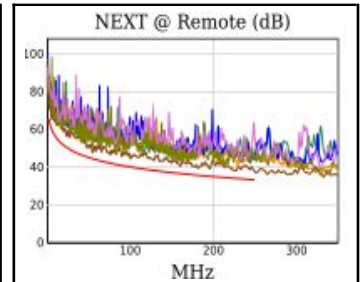
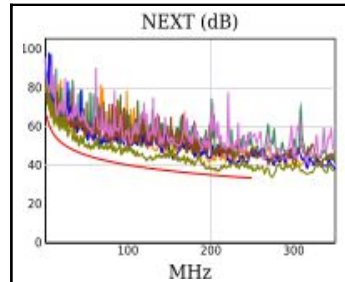
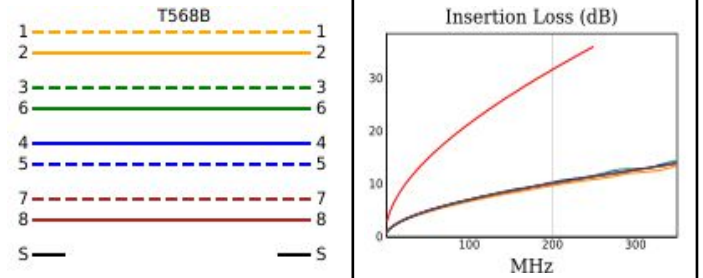
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	1,2
RL (dB)	5.3	3.5	10.0	7.7
Freq. (MHz)	37.5	34.5	248.5	211.5
Limit (dB)	16.1	16.3	8.0	8.7

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		



PASS





Cable ID: 2-8-8

Date / Time: 11/13/2025 08:23:07 PM

Headroom: 6.3 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Additional Drops

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

Remote S/N: 1927408

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	106
Prop. Delay (ns), Limit 555	[Pair 7,8]	165
Delay Skew (ns), Limit 50	[Pair 7,8]	9
Resistance (ohms)	[Pair 7,8]	7.6
Insertion Loss Margin (dB)	[Pair 3,6]	24.6
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	3,6-7,8	3,6-7,8	3,6-7,8	3,6-7,8
NEXT (dB)	7.7	6.3	9.0	6.3
Freq. (MHz)	164.0	239.5	246.5	239.5
Limit (dB)	36.3	33.4	33.2	33.4
Worst Pair	3,6	3,6	4,5	3,6
PS NEXT (dB)	7.8	7.4	9.4	7.4
Freq. (MHz)	164.0	240.0	235.0	240.0
Limit (dB)	33.4	30.5	30.6	30.5

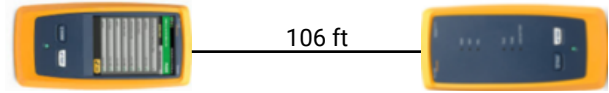
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-7,8	4,5-3,6
ACR-F (dB)	12.9	12.6	14.6	14.4
Freq. (MHz)	146.5	136.0	249.5	239.0
Limit (dB)	19.9	20.6	15.3	15.7
Worst Pair	3,6	3,6	7,8	3,6
PS ACR-F (dB)	12.5	11.9	15.0	14.7
Freq. (MHz)	125.5	136.0	248.5	248.5
Limit (dB)	18.3	17.6	12.4	12.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-7,8	3,6-7,8
ACR-N (dB)	13.6	13.0	33.5	30.4
Freq. (MHz)	3.0	3.1	246.5	239.5
Limit (dB)	61.5	61.2	-2.4	-1.6
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-N (dB)	12.4	12.0	33.1	31.4
Freq. (MHz)	3.4	3.3	235.0	240.0
Limit (dB)	58.0	58.4	-4.0	-4.6

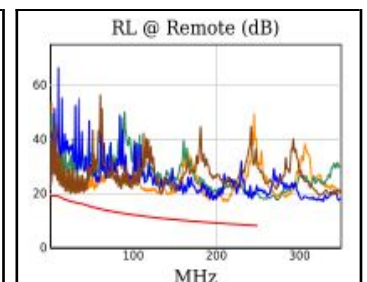
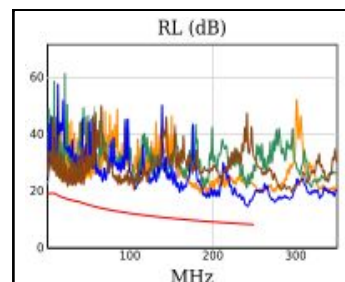
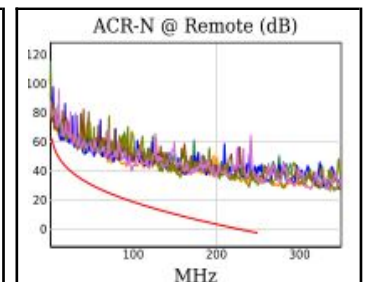
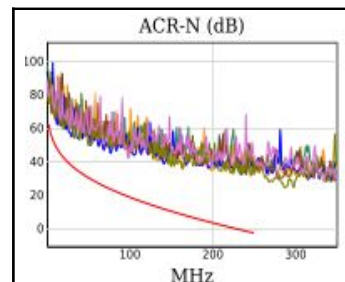
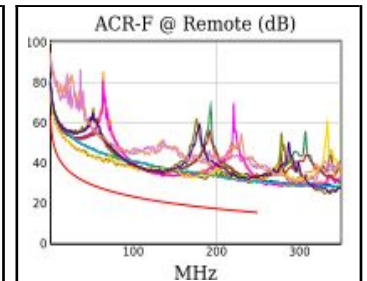
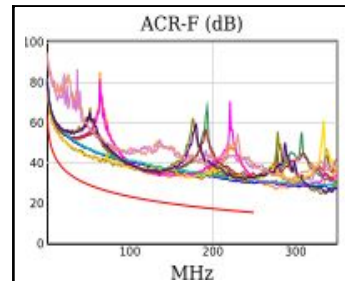
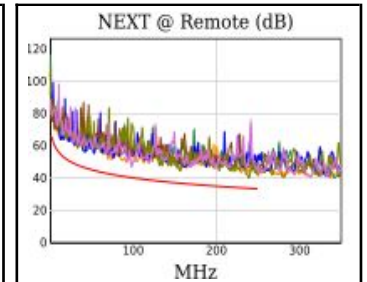
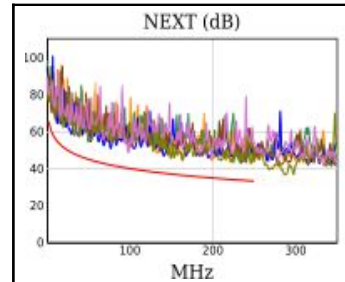
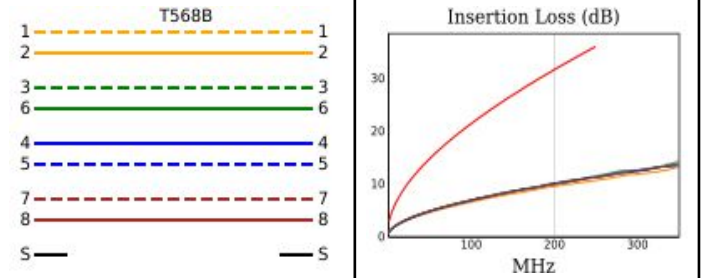
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	1,2
RL (dB)	4.5	2.9	6.3	8.2
Freq. (MHz)	25.5	25.5	243.0	212.0
Limit (dB)	17.0	17.0	8.1	8.7

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		



PASS





Cable ID: 2-8-9

Date / Time: 11/13/2025 09:01:38 PM

Headroom: 4.2 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Additional Drops

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

Remote S/N: 1927408

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	131
Prop. Delay (ns), Limit 555	[Pair 7,8]	205
Delay Skew (ns), Limit 50	[Pair 7,8]	12
Resistance (ohms)	[Pair 3,6]	6.9
Insertion Loss Margin (dB)	[Pair 4,5]	22.2
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	4,5-7,8	3,6-7,8	4,5-7,8
NEXT (dB)	4.9	4.2	4.9	4.2
Freq. (MHz)	235.5	232.5	235.5	232.5
Limit (dB)	33.6	33.7	33.6	33.7
Worst Pair	7,8	4,5	7,8	4,5
PS NEXT (dB)	6.0	6.3	6.8	6.3
Freq. (MHz)	200.0	232.5	235.5	232.5
Limit (dB)	31.9	30.7	30.6	30.7

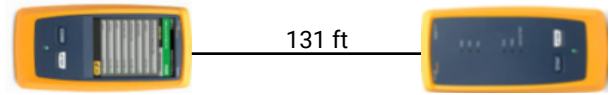
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	11.5	11.5	14.0	13.9
Freq. (MHz)	61.5	61.3	228.5	228.5
Limit (dB)	27.5	27.5	16.1	16.1
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-F (dB)	12.4	12.3	15.2	16.0
Freq. (MHz)	1.0	1.0	228.5	250.0
Limit (dB)	60.3	60.3	13.1	12.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	3,6-4,5	3,6-7,8	4,5-7,8
ACR-N (dB)	13.9	13.4	26.4	25.6
Freq. (MHz)	26.3	2.8	235.5	232.5
Limit (dB)	39.3	61.6	-1.1	-0.8
Worst Pair	7,8	3,6	7,8	4,5
PS ACR-N (dB)	14.5	14.3	28.3	27.5
Freq. (MHz)	13.1	2.8	235.5	232.5
Limit (dB)	44.8	58.6	-4.1	-3.7

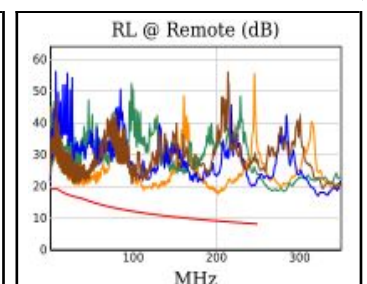
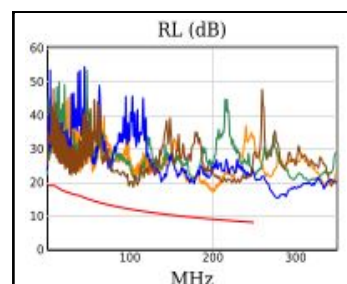
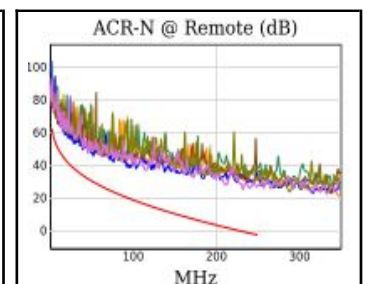
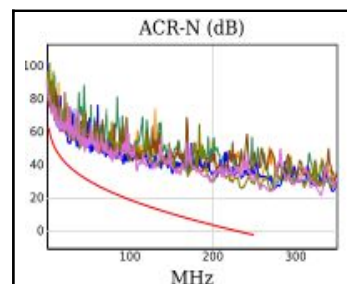
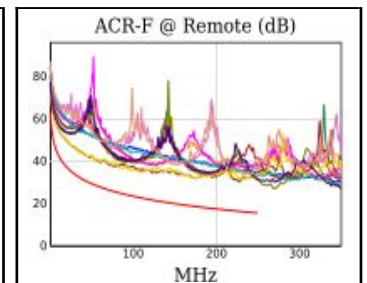
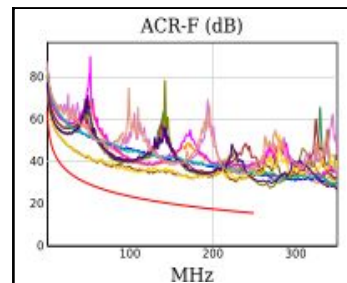
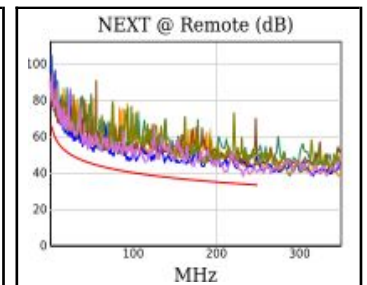
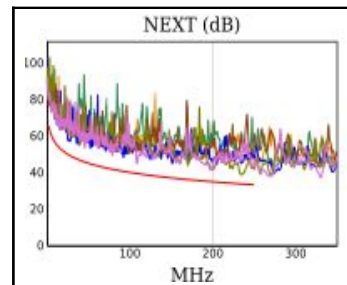
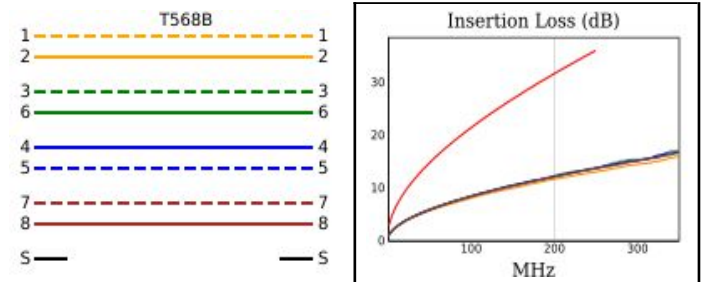
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	1,2	1,2
RL (dB)	5.5	3.8	8.0	8.4
Freq. (MHz)	30.4	30.8	200.0	203.0
Limit (dB)	16.6	16.6	9.0	8.9

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		



PASS





Cable ID: 3-11-17

Date / Time: 11/13/2025 08:12:49 PM

Headroom: 2.8 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Additional Drops

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

Remote S/N: 1927408

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	80
Prop. Delay (ns), Limit 555	[Pair 7,8]	124
Delay Skew (ns), Limit 50	[Pair 7,8]	6
Resistance (ohms)	[Pair 3,6]	4.4
Insertion Loss Margin (dB)	[Pair 4,5]	27.1
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

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)	3.8	2.8	6.2	3.2
Freq. (MHz)	18.3	153.0	250.0	250.0
Limit (dB)	52.3	36.8	33.1	33.1
Worst Pair	1,2	7,8	1,2	7,8
PS NEXT (dB)	6.0	3.6	6.5	3.6
Freq. (MHz)	18.4	248.5	227.0	248.5
Limit (dB)	49.6	30.2	30.9	30.2

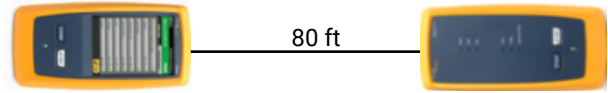
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	12.1	11.9	14.3	13.9
Freq. (MHz)	145.0	144.5	240.5	236.0
Limit (dB)	20.0	20.1	15.6	15.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	13.0	12.9	13.1	13.0
Freq. (MHz)	175.5	187.5	196.0	196.0
Limit (dB)	15.4	14.8	14.4	14.4

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)	9.5	8.8	33.7	30.7
Freq. (MHz)	13.5	13.9	250.0	250.0
Limit (dB)	47.1	46.8	-2.8	-2.8
Worst Pair	1,2	1,2	7,8	7,8
PS ACR-N (dB)	11.8	11.1	34.3	31.0
Freq. (MHz)	13.5	13.4	240.5	248.5
Limit (dB)	44.5	44.6	-4.7	-5.6

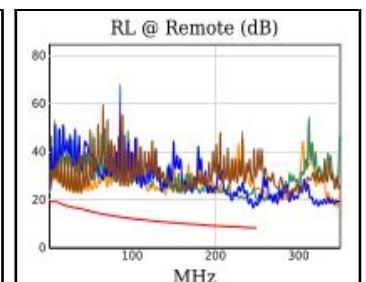
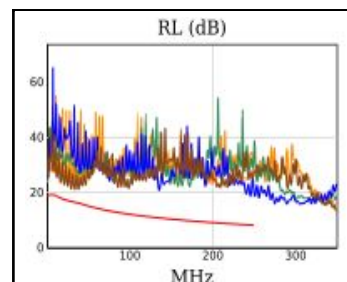
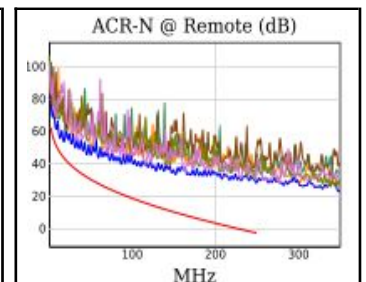
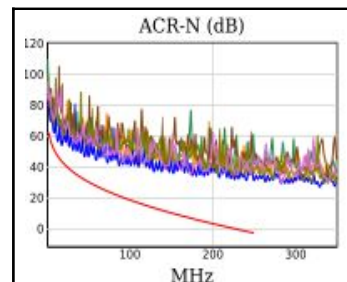
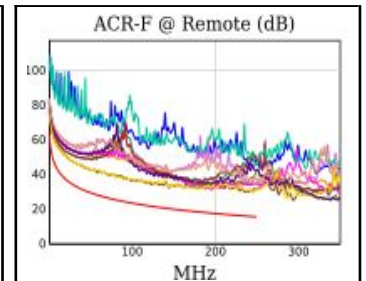
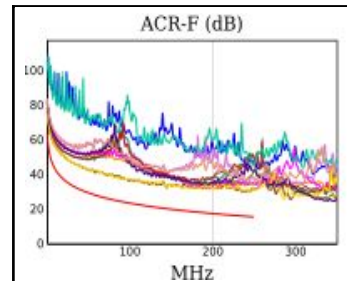
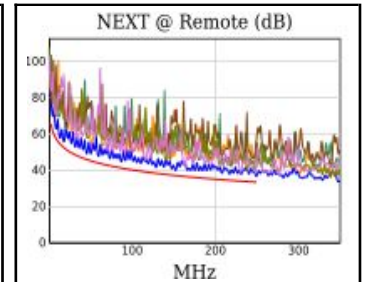
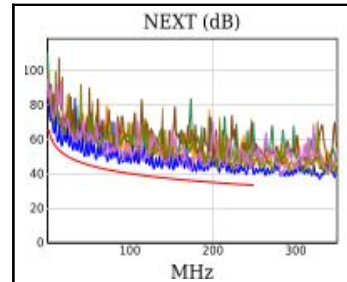
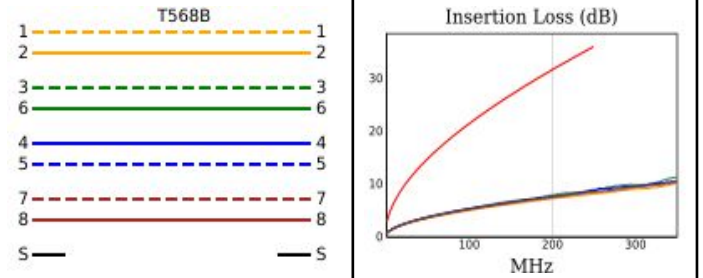
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	4,5
RL (dB)	4.9	6.4	10.3	8.3
Freq. (MHz)	38.8	39.3	246.0	246.5
Limit (dB)	16.1	16.0	8.1	8.1

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		



PASS





Cable ID: 4-12-22

Date / Time: 11/13/2025 09:18:54 PM

Headroom: 2.1 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Additional Drops

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

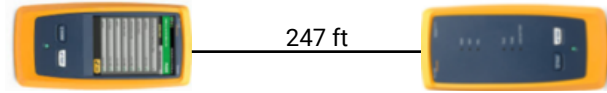
Remote S/N: 1927408

Main Adapter: DSX-CHA804

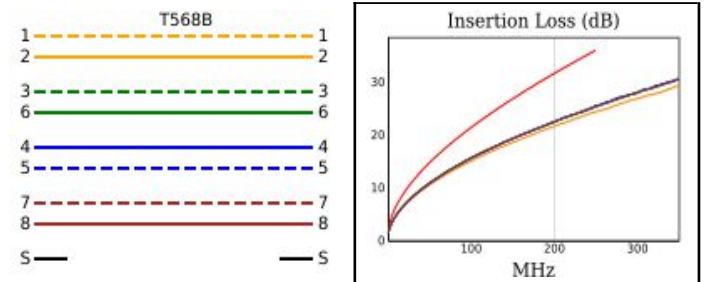
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	247
Prop. Delay (ns), Limit 555	[Pair 7,8]	389
Delay Skew (ns), Limit 50	[Pair 7,8]	25
Resistance (ohms)	[Pair 7,8]	13.2
Insertion Loss Margin (dB)	[Pair 4,5]	10.4
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	4,5-7,8	4,5-7,8	4,5-7,8
NEXT (dB)	2.1	6.1	5.5	8.3
Freq. (MHz)	120.5	28.9	226.5	239.0
Limit (dB)	38.5	49.0	33.9	33.5
Worst Pair	4,5	4,5	7,8	7,8
PS NEXT (dB)	4.4	6.5	6.5	9.0
Freq. (MHz)	110.5	5.3	230.5	240.5
Limit (dB)	36.3	58.6	30.8	30.4

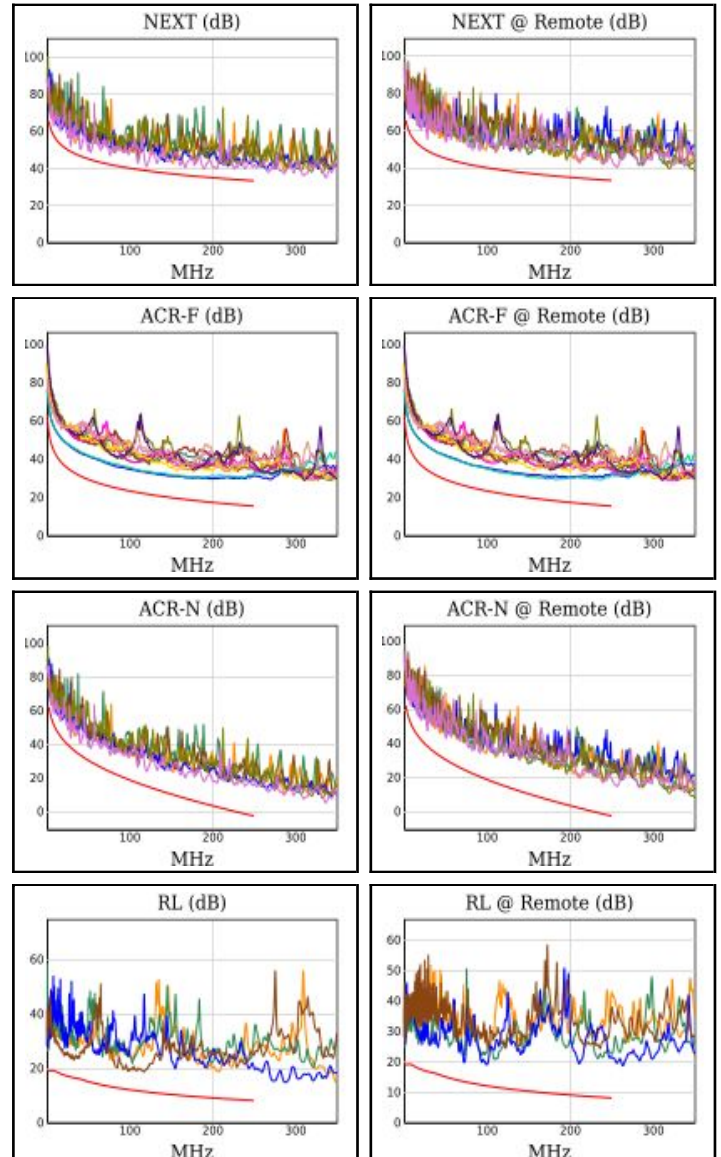
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	1,2-7,8	1,2-7,8
ACR-F (dB)	11.1	10.9	13.9	13.3
Freq. (MHz)	147.5	155.0	238.5	235.0
Limit (dB)	19.9	19.5	15.7	15.8
Worst Pair	7,8	7,8	7,8	7,8
PS ACR-F (dB)	12.6	12.4	14.5	12.4
Freq. (MHz)	84.0	175.5	215.0	175.5
Limit (dB)	21.8	15.4	13.6	15.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	4,5-7,8	4,5-7,8	3,6-7,8
ACR-N (dB)	5.5	8.9	16.6	18.9
Freq. (MHz)	29.3	28.9	239.5	241.0
Limit (dB)	37.9	38.1	-1.6	-1.8
Worst Pair	7,8	4,5	7,8	7,8
PS ACR-N (dB)	6.1	7.8	17.5	19.3
Freq. (MHz)	5.3	5.4	238.5	240.5
Limit (dB)	54.0	53.8	-4.4	-4.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	4,5	7,8	4,5
RL (dB)	6.4	6.2	7.2	6.9
Freq. (MHz)	33.3	72.8	118.0	99.3
Limit (dB)	16.4	13.4	11.3	12.0

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		





Cable ID: 4-12-23

Date / Time: 11/13/2025 09:20:12 PM

Headroom: 2 dB (NEXT)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Project: Additional Drops

Software Version: V6.12 Build 2

Calibration Date:

Main (Module): 10/31/2022

Remote (Module): 10/31/2022

Model: DSX-8000

Main S/N: 1927404

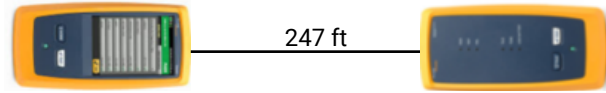
Remote S/N: 1927408

Main Adapter: DSX-CHA804

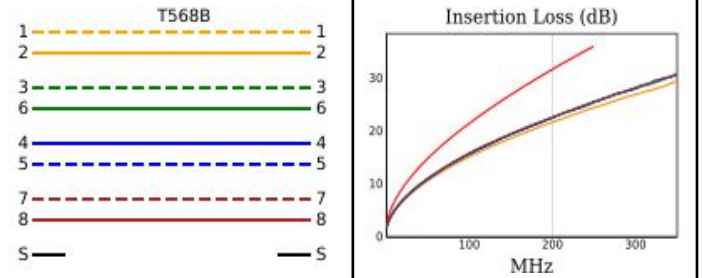
Remote Adapter: DSX-CHA804

Test Summary: PASS

Length (ft), Limit 328	[Pair 4,5]	247
Prop. Delay (ns), Limit 555	[Pair 7,8]	389
Delay Skew (ns), Limit 50	[Pair 7,8]	25
Resistance (ohms)	[Pair 7,8]	14.7
Insertion Loss Margin (dB)	[Pair 4,5]	10.4
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	4,5-7,8	4,5-7,8	4,5-7,8
NEXT (dB)	2.0	7.1	5.5	8.4
Freq. (MHz)	120.5	82.8	227.0	238.5
Limit (dB)	38.5	41.3	33.8	33.5
Worst Pair	4,5	4,5	7,8	3,6
PS NEXT (dB)	4.4	6.8	6.4	9.2
Freq. (MHz)	110.5	5.3	230.5	240.5
Limit (dB)	36.3	58.6	30.8	30.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	1,2-7,8	1,2-7,8
ACR-F (dB)	11.0	11.2	14.2	14.0
Freq. (MHz)	84.8	115.5	239.5	235.5
Limit (dB)	24.7	22.0	15.7	15.8
Worst Pair	7,8	7,8	7,8	7,8
PS ACR-F (dB)	12.3	12.6	14.7	12.6
Freq. (MHz)	82.3	175.0	215.0	175.0
Limit (dB)	22.0	15.4	13.6	15.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	3,6-4,5	4,5-7,8	3,6-7,8
ACR-N (dB)	5.3	8.7	16.3	18.9
Freq. (MHz)	29.1	3.8	239.5	241.0
Limit (dB)	38.0	59.6	-1.6	-1.8
Worst Pair	7,8	4,5	7,8	7,8
PS ACR-N (dB)	5.9	8.1	17.3	19.5
Freq. (MHz)	5.3	5.4	238.5	240.5
Limit (dB)	54.0	53.8	-4.4	-4.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	4,5	4,5	4,5
RL (dB)	6.6	6.7	10.8	10.4
Freq. (MHz)	33.3	72.8	243.5	211.0
Limit (dB)	16.4	13.4	8.1	8.8

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		

