

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
CAT6/UTP/BK/50M-1	PASS	ISO11801 Channel Class E	53.2 m	6.1 dB (NEXT)	01/11/2023 08:41 AM
CAT6/UTP/BK/50M-2	PASS	ISO11801 Channel Class E	51.9 m	7.1 dB (NEXT)	01/11/2023 08:56 AM
CAT6/UTP/BK/50M-3	PASS	ISO11801 Channel Class E	51.9 m	7.5 dB (NEXT)	01/11/2023 08:57 AM
CAT6/UTP/BK/50M-4	PASS	ISO11801 Channel Class E	53.2 m	7.0 dB (NEXT)	01/11/2023 08:57 AM
CAT6/UTP/BK/50M-5	PASS	ISO11801 Channel Class E	53.2 m	6.0 dB (NEXT)	01/11/2023 08:57 AM
CAT6/UTP/BK/40M-1	PASS	ISO11801 Channel Class E	41.9 m	7.1 dB (NEXT)	01/11/2023 08:59 AM
CAT6/UTP/BK/40M-2	PASS	ISO11801 Channel Class E	41.9 m	7.2 dB (NEXT)	01/11/2023 09:00 AM
CAT6/UTP/BK/40M-3	PASS	ISO11801 Channel Class E	41.9 m	7.2 dB (NEXT)	01/11/2023 09:00 AM
CAT6/UTP/BK/40M-4	PASS	ISO11801 Channel Class E	39.9 m	7.8 dB (NEXT)	01/11/2023 09:00 AM
CAT6/UTP/BK/40M-5	PASS	ISO11801 Channel Class E	39.9 m	8.4 dB (NEXT)	01/11/2023 09:00 AM
CAT6/UTP/BK/60M-1	PASS	ISO11801 Channel Class E	60.1 m	4.6 dB (NEXT)	01/11/2023 09:03 AM
CAT6/UTP/BK/60M-2	PASS	ISO11801 Channel Class E	60.1 m	4.7 dB (NEXT)	01/11/2023 09:04 AM
CAT6/UTP/BK/60M-3	PASS	ISO11801 Channel Class E	60.1 m	4.8 dB (NEXT)	01/11/2023 09:04 AM
CAT6/UTP/BK/60M-4	PASS	ISO11801 Channel Class E	60.1 m	4.7 dB (NEXT)	01/11/2023 09:04 AM
CAT6/UTP/BK/60M-5	PASS	ISO11801 Channel Class E	60.1 m	6.3 dB (NEXT)	01/11/2023 09:04 AM
CAT6/UTP/BK/10M-1	PASS	ISO11801 Channel Class E	72.4 m	5.1 dB (NEXT)	01/11/2023 09:11 AM
CAT6/UTP/BK/10M-2	PASS	ISO11801 Channel Class E	72.4 m	4.9 dB (NEXT)	01/11/2023 09:11 AM
CAT6/UTP/BK/10M-3	PASS	ISO11801 Channel Class E	72.4 m	4.9 dB (NEXT)	01/11/2023 09:12 AM
CAT6/UTP/BK/10M-4	PASS	ISO11801 Channel Class E	72.4 m	4.0 dB (NEXT)	01/11/2023 09:12 AM
CAT6/UTP/BK/10M-5	PASS	ISO11801 Channel Class E	72.4 m	4.0 dB (NEXT)	01/11/2023 09:13 AM
CAT6/UTP/BK/15M-1	PASS	ISO11801 Channel Class E	67.5 m	3.8 dB (NEXT)	01/11/2023 09:14 AM
CAT6/UTP/BK/15M-2	PASS	ISO11801 Channel Class E	67.5 m	7.3 dB (NEXT)	01/11/2023 09:14 AM
CAT6/UTP/BK/15M-3	PASS	ISO11801 Channel Class E	67.5 m	6.9 dB (NEXT)	01/11/2023 09:15 AM
CAT6/UTP/BK/15M-4	PASS	ISO11801 Channel Class E	67.5 m	6.4 dB (NEXT)	01/11/2023 09:15 AM
CAT6/UTP/BK/15M-5	PASS	ISO11801 Channel Class E	67.5 m	6.4 dB (NEXT)	01/11/2023 09:15 AM
CAT6/UTP/BK/15M-6	PASS	ISO11801 Channel Class E	67.5 m	6.5 dB (NEXT)	01/11/2023 09:15 AM
CAT6/UTP/BK/70M-1	PASS	ISO11801 Channel Class E	72.0 m	7.0 dB (NEXT)	01/11/2023 09:18 AM
CAT6/UTP/BK/70M-2	PASS	ISO11801 Channel Class E	71.2 m	4.7 dB (NEXT)	01/11/2023 09:19 AM
CAT6/UTP/BK/70M-3	PASS	ISO11801 Channel Class E	71.2 m	4.7 dB (NEXT)	01/11/2023 09:19 AM
CAT6/UTP/BK/70M-4	PASS	ISO11801 Channel Class E	71.2 m	5.4 dB (NEXT)	01/11/2023 09:19 AM
CAT6/UTP/BK/70M-5	PASS	ISO11801 Channel Class E	71.2 m	5.4 dB (NEXT)	01/11/2023 09:20 AM
CAT6/UTP/BK/20M-1	PASS	ISO11801 Channel Class E	72.6 m	5.1 dB (NEXT)	01/11/2023 09:25 AM
CAT6/UTP/BK/20M-2	PASS	ISO11801 Channel Class E	72.4 m	6.3 dB (NEXT)	01/11/2023 09:26 AM
CAT6/UTP/BK/20M-3	PASS	ISO11801 Channel Class E	72.4 m	4.7 dB (NEXT)	01/11/2023 09:26 AM
CAT6/UTP/BK/20M-4	PASS	ISO11801 Channel Class E	72.4 m	5.8 dB (NEXT)	01/11/2023 09:26 AM
CAT6/UTP/BK/20M-5	PASS	ISO11801 Channel Class E	72.4 m	5.8 dB (NEXT)	01/11/2023 09:26 AM
CAT6/UTP/BK/30M-1	PASS	ISO11801 Channel Class E	30.1 m	8.5 dB (NEXT)	01/11/2023 09:29 AM
CAT6/UTP/BK/30M-2	PASS	ISO11801 Channel Class E	30.1 m	8.2 dB (NEXT)	01/11/2023 09:29 AM
CAT6/UTP/BK/30M-3	PASS	ISO11801 Channel Class E	30.1 m	7.5 dB (NEXT)	01/11/2023 09:30 AM
CAT6/UTP/BK/30M-4	PASS	ISO11801 Channel Class E	30.1 m	7.5 dB (NEXT)	01/11/2023 09:31 AM
CAT6/UTP/BK/30M-5	PASS	ISO11801 Channel Class E	30.1 m	7.4 dB (NEXT)	01/11/2023 09:31 AM
U001/CAT5E/UTP/GY/90M-1	PASS	ISO11801 Channel Class D	89.6 m	11.4 dB (NEXT)	01/11/2023 10:33 AM
U002/CAT5E/UTP/GY/90M-2	PASS	ISO11801 Channel Class D	89.6 m	11.4 dB (NEXT)	01/11/2023 10:45 AM
U007/CAT6/UTP/BK/90M-1	PASS	ISO11801 Channel Class E	89.8 m	8.0 dB (NEXT)	01/11/2023 10:56 AM
U005/CAT6/UTP/GY/90M-2	PASS	ISO11801 Channel Class E	90.9 m	7.9 dB (NEXT)	01/11/2023 11:07 AM
U006/CAT6/UTP/V/90M-3	PASS	ISO11801 Channel Class E	90.6 m	8.8 dB (NEXT)	01/11/2023 12:46 PM
U004/CAT5E/UTP/BK/90M-4	PASS	ISO11801 Channel Class D (+PoE)	90.2 m	11.2 dB (NEXT)	01/11/2023 12:58 PM
U003/CAT5E/UTP/OR/90M-5	PASS	ISO11801 Channel Class D (+PoE)	90.4 m	9.8 dB (NEXT)	01/11/2023 01:11 PM

Total Length:	3037.0 m
Number of Reports:	48
Number of Passing Reports:	48
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



Cable ID: CAT6/UTP/BK/50M-1

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 08:41:00 AM

Headroom 6.1 dB (NEXT 1,2-3,6)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

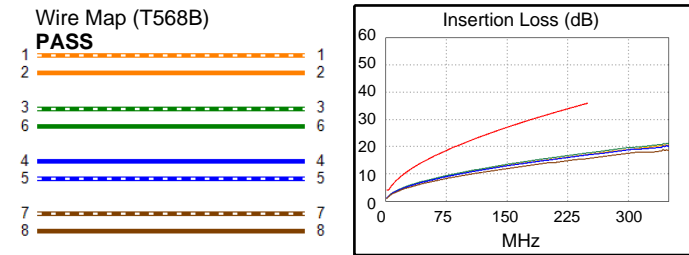
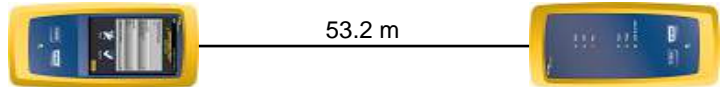
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

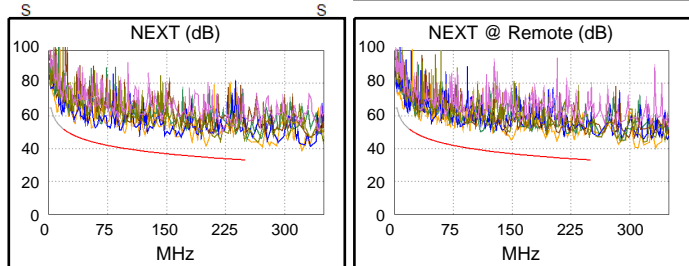
S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	53.2
Prop. Delay (ns), Limit 555	[Pair 4,5]	274
Delay Skew (ns), Limit 50	[Pair 4,5]	14
Resistance (ohms), Limit 25.00	[Pair 3,6]	9.02
Insertion Loss Margin (dB)	[Pair 3,6]	18.2
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

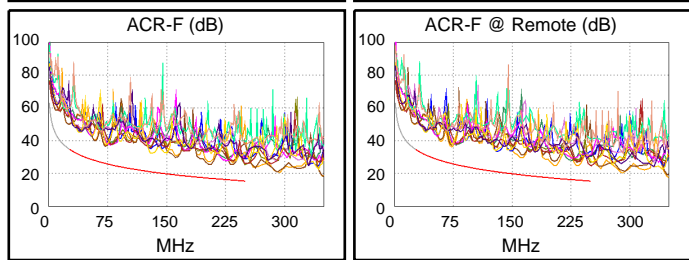


Worst Case Margin Worst Case Value

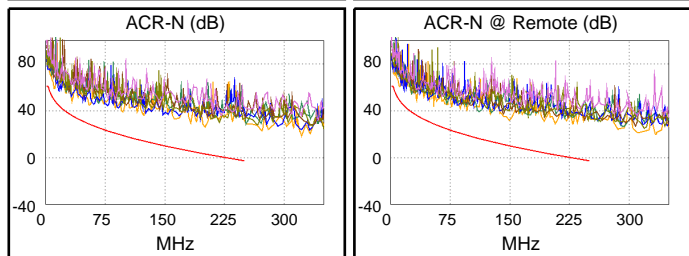
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	6.1	7.1	7.0	10.3
Freq. (MHz)	33.0	32.8	200.5	207.0
Limit (dB)	48.0	48.1	34.8	34.5
Worst Pair	1,2	1,2	1,2	3,6
PS NEXT (dB)	7.6	8.7	9.5	11.7
Freq. (MHz)	32.8	32.5	200.5	207.0
Limit (dB)	45.4	45.4	31.8	31.6



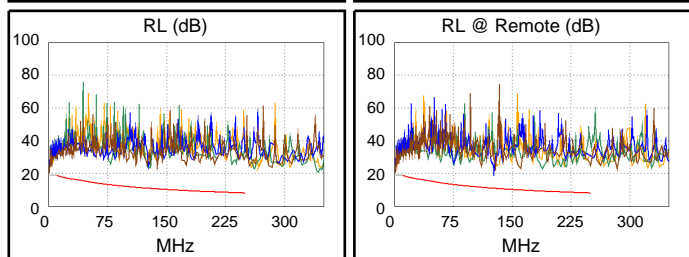
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-1,2	1,2-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	8.3	7.8	9.8	9.1
Freq. (MHz)	204.0	205.5	249.0	249.0
Limit (dB)	17.1	17.0	15.3	15.3
Worst Pair	1,2	3,6	3,6	3,6
PS ACR-F (dB)	10.0	9.9	10.7	10.0
Freq. (MHz)	73.3	234.5	233.5	235.5
Limit (dB)	23.0	12.9	12.9	12.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-N (dB)	9.5	11.7	23.1	29.4
Freq. (MHz)	11.0	3.8	200.5	229.5
Limit (dB)	49.0	59.4	3.0	-0.5
Worst Pair	3,6	1,2	3,6	3,6
PS ACR-N (dB)	11.5	13.6	31.6	30.7
Freq. (MHz)	11.0	3.8	250.0	230.5
Limit (dB)	46.4	56.9	-5.8	-3.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	4,5	3,6	4,5
RL (dB)	10.4	10.8	11.8	10.8
Freq. (MHz)	10.6	127.0	129.0	127.0
Limit (dB)	18.9	11.0	10.9	11.0



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: CAT6/UTP/BK/50M-2

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 08:56:47 AM

Headroom 7.1 dB (NEXT 1,2-7,8)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

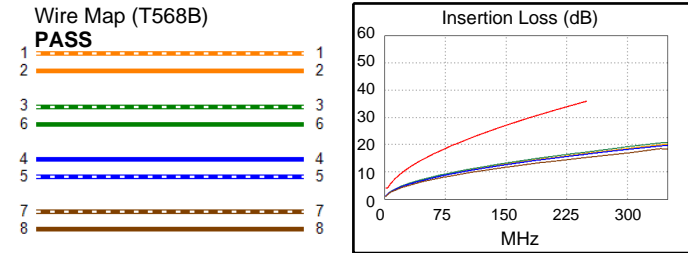
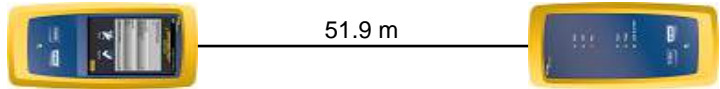
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

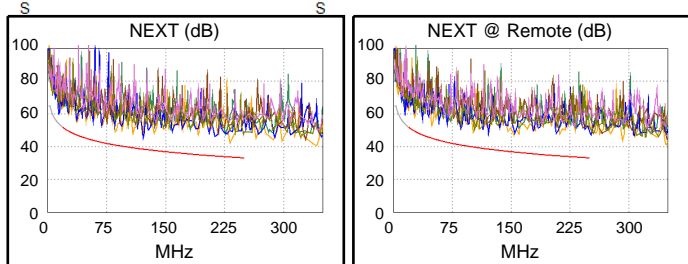
S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	51.9
Prop. Delay (ns), Limit 555	[Pair 4,5]	268
Delay Skew (ns), Limit 50	[Pair 4,5]	14
Resistance (ohms), Limit 25.00	[Pair 3,6]	8.81
Insertion Loss Margin (dB)	[Pair 3,6]	18.5
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

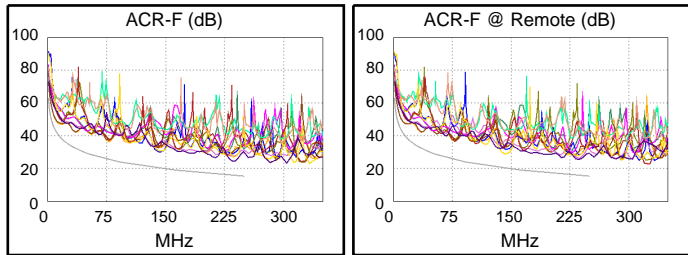


Worst Case Margin Worst Case Value

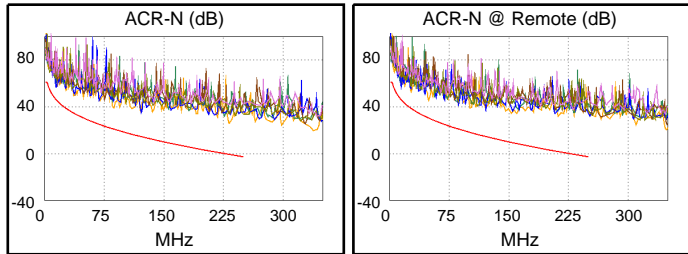
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-3,6	1,2-3,6	1,2-7,8
NEXT (dB)	7.1	7.6	8.7	8.2
Freq. (MHz)	121.5	49.0	232.0	122.0
Limit (dB)	38.5	45.2	33.7	38.5
Worst Pair	1,2	1,2	3,6	1,2
PS NEXT (dB)	7.9	8.9	10.3	10.8
Freq. (MHz)	37.3	26.6	232.5	154.0
Limit (dB)	44.4	46.9	30.7	33.8



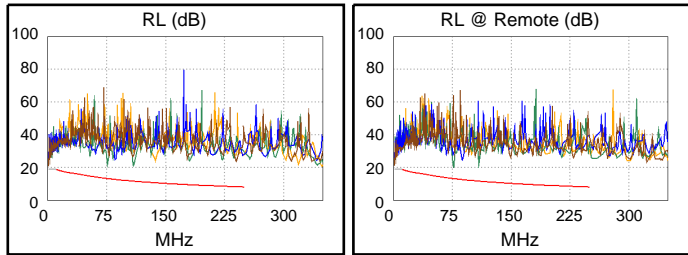
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-1,2	7,8-3,6	7,8-3,6
ACR-F (dB)	6.5	6.6	8.7	9.7
Freq. (MHz)	11.4	9.9	237.5	236.0
Limit (dB)	42.1	43.4	15.7	15.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	7.8	7.9	10.4	10.8
Freq. (MHz)	13.5	13.5	235.5	233.0
Limit (dB)	37.7	37.7	12.8	12.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	1,2-3,6	1,2-3,6
ACR-N (dB)	10.5	11.0	26.6	30.0
Freq. (MHz)	14.4	14.6	232.5	217.5
Limit (dB)	46.1	45.9	-0.8	0.9
Worst Pair	1,2	1,2	3,6	3,6
PS ACR-N (dB)	11.1	11.5	28.1	31.3
Freq. (MHz)	14.4	14.6	232.5	217.5
Limit (dB)	43.5	43.3	-3.8	-2.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	3,6	3,6
RL (dB)	7.7	7.1	7.7	7.1
Freq. (MHz)	76.5	76.5	76.5	76.5
Limit (dB)	13.2	13.2	13.2	13.2



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: CAT6/UTP/BK/50M-3

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 08:57:07 AM

Headroom 7.5 dB (NEXT 1,2-3,6)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

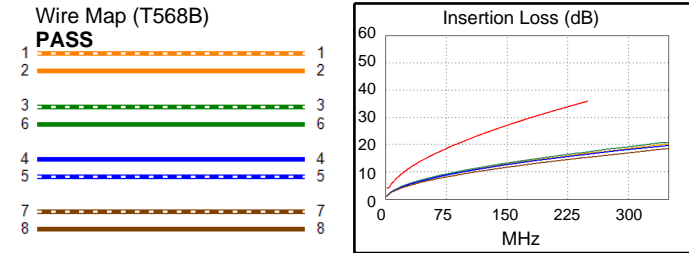
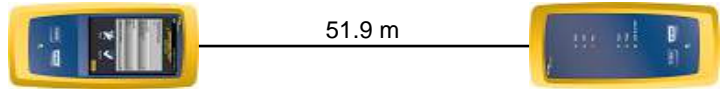
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

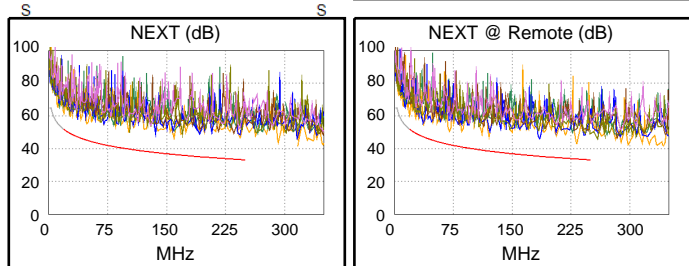
S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	51.9
Prop. Delay (ns), Limit 555	[Pair 4,5]	268
Delay Skew (ns), Limit 50	[Pair 4,5]	14
Resistance (ohms), Limit 25.00	[Pair 3,6]	8.81
Insertion Loss Margin (dB)	[Pair 3,6]	18.5
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

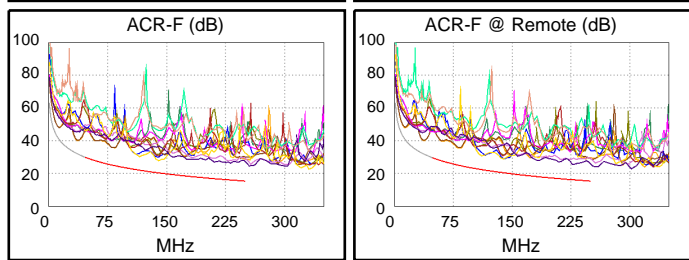


Worst Case Margin Worst Case Value

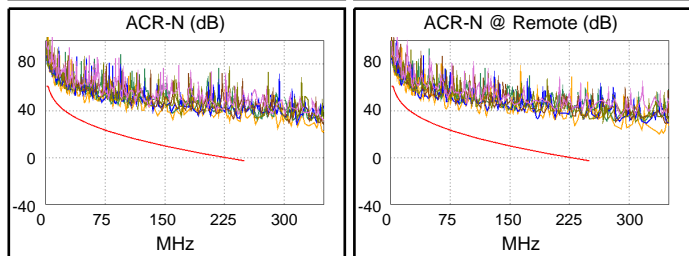
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	9.0	7.5	9.8	9.4
Freq. (MHz)	49.0	37.0	160.0	232.5
Limit (dB)	45.2	47.2	36.4	33.7
Worst Pair	1,2	1,2	1,2	3,6
PS NEXT (dB)	10.3	7.3	13.8	11.5
Freq. (MHz)	36.8	37.0	243.5	232.5
Limit (dB)	44.5	44.5	30.4	30.7



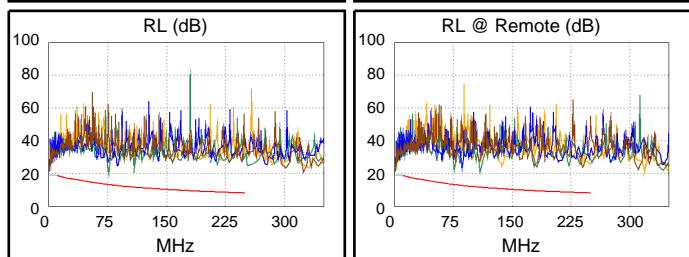
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-1,2	1,2-3,6	7,8-3,6	7,8-3,6
ACR-F (dB)	6.7	6.6	10.0	9.4
Freq. (MHz)	11.8	12.0	227.0	227.0
Limit (dB)	41.9	41.7	16.1	16.1
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	8.5	8.5	11.8	11.6
Freq. (MHz)	11.4	12.0	242.0	240.5
Limit (dB)	39.1	38.7	12.6	12.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-N (dB)	13.2	12.9	31.8	27.2
Freq. (MHz)	11.4	19.3	243.5	232.5
Limit (dB)	48.7	42.8	-2.1	-0.8
Worst Pair	3,6	3,6	1,2	3,6
PS ACR-N (dB)	15.0	13.8	32.8	29.3
Freq. (MHz)	11.5	4.3	243.5	232.5
Limit (dB)	46.0	55.8	-5.1	-3.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	3,6	3,6
RL (dB)	6.7	7.8	6.7	9.2
Freq. (MHz)	76.5	76.5	76.5	109.0
Limit (dB)	13.2	13.2	13.2	11.6



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: CAT6/UTP/BK/50M-4

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 08:57:24 AM

Headroom 7.0 dB (NEXT 1,2-3,6)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

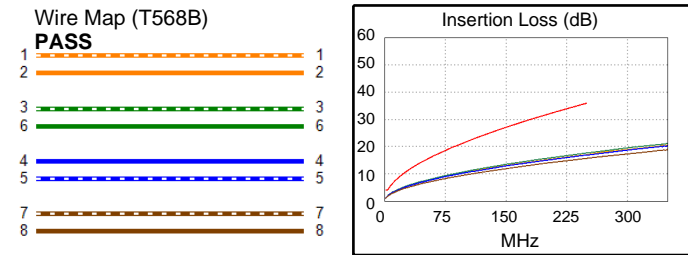
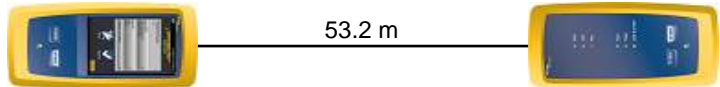
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

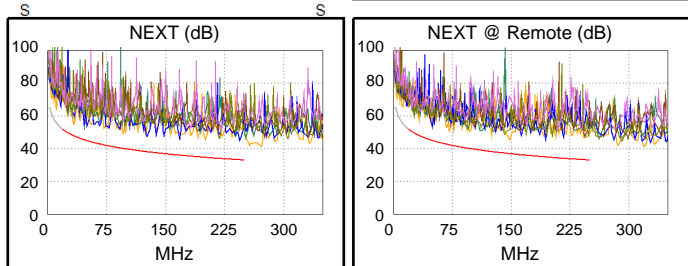
S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	53.2
Prop. Delay (ns), Limit 555	[Pair 4,5]	274
Delay Skew (ns), Limit 50	[Pair 4,5]	14
Resistance (ohms), Limit 25.00	[Pair 3,6]	9.02
Insertion Loss Margin (dB)	[Pair 3,6]	18.3
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

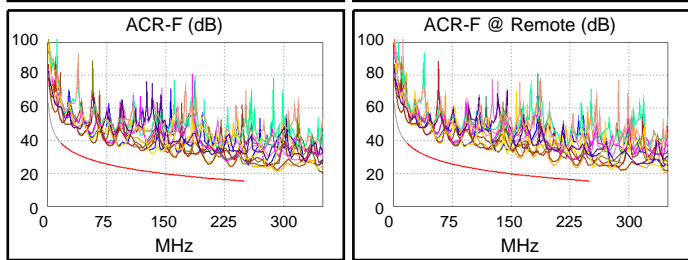


Worst Case Margin Worst Case Value

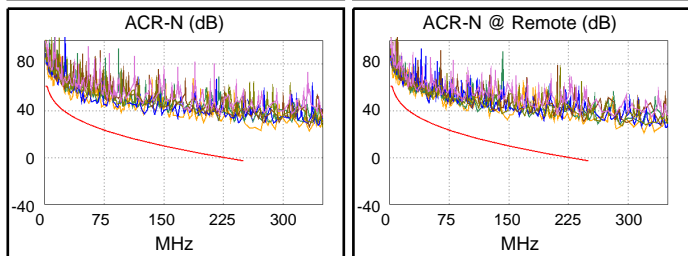
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-7,8	1,2-3,6
NEXT (dB)	7.0	8.2	11.9	8.2
Freq. (MHz)	33.0	148.5	244.5	148.5
Limit (dB)	48.0	37.0	33.3	37.0
Worst Pair	1,2	1,2	7,8	3,6
PS NEXT (dB)	8.8	9.4	12.1	12.8
Freq. (MHz)	33.3	49.3	218.5	244.0
Limit (dB)	45.3	42.4	31.2	30.3



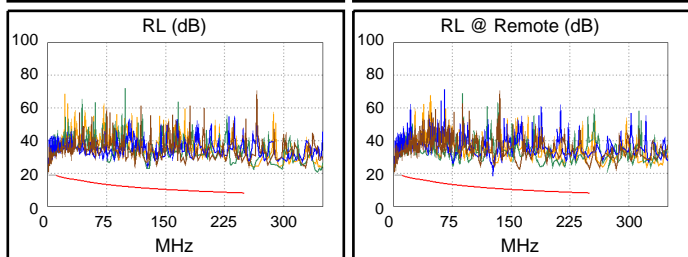
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-1,2	1,2-3,6	3,6-1,2	1,2-3,6
ACR-F (dB)	8.0	7.4	8.0	7.4
Freq. (MHz)	234.0	233.5	234.0	233.5
Limit (dB)	15.9	15.9	15.9	15.9
Worst Pair	1,2	3,6	1,2	3,6
PS ACR-F (dB)	9.6	9.2	9.6	9.2
Freq. (MHz)	234.0	233.0	234.0	233.0
Limit (dB)	12.9	12.9	12.9	12.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-7,8	1,2-3,6
ACR-N (dB)	11.9	9.5	32.0	31.0
Freq. (MHz)	5.1	4.1	244.5	243.5
Limit (dB)	56.6	58.6	-2.2	-2.1
Worst Pair	1,2	3,6	1,2	3,6
PS ACR-N (dB)	12.5	11.1	33.2	30.9
Freq. (MHz)	5.1	4.1	244.5	244.5
Limit (dB)	54.1	56.1	-5.2	-5.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	4,5	3,6	4,5
RL (dB)	11.4	10.6	11.4	10.6
Freq. (MHz)	128.5	127.0	128.5	127.0
Limit (dB)	10.9	11.0	10.9	11.0



Compliant Network Standards:

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



Cable ID: CAT6/UTP/BK/50M-5

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 08:57:43 AM

Headroom 6.0 dB (NEXT 1,2-3,6)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

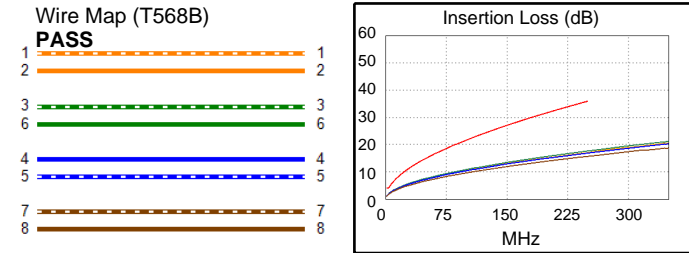
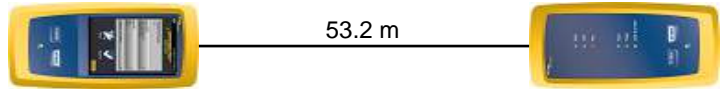
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

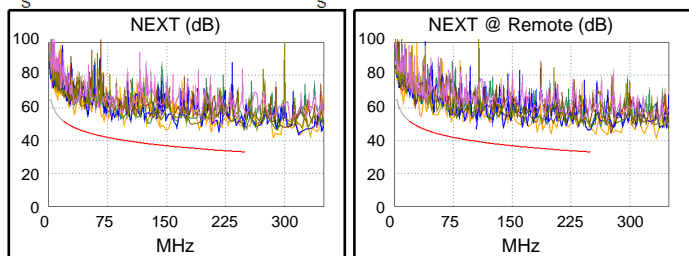
S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	53.2
Prop. Delay (ns), Limit 555	[Pair 4,5]	274
Delay Skew (ns), Limit 50	[Pair 4,5]	14
Resistance (ohms), Limit 25.00	[Pair 3,6]	9.04
Insertion Loss Margin (dB)	[Pair 3,6]	18.3
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

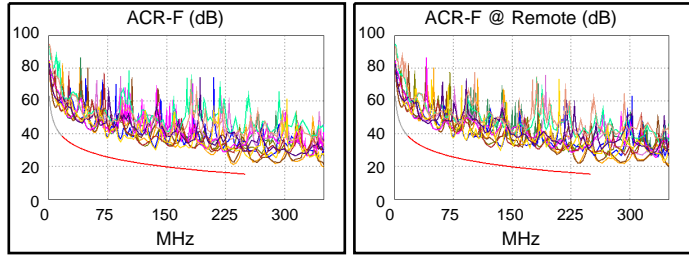


Worst Case Margin Worst Case Value

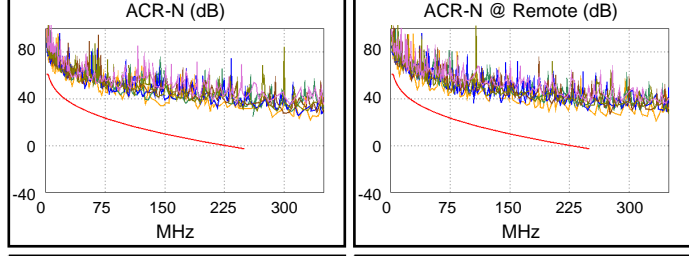
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	8.4	6.0	10.9	9.6
Freq. (MHz)	32.8	33.0	207.0	200.0
Limit (dB)	48.1	48.0	34.5	34.8
Worst Pair	1,2	1,2	1,2	7,8
PS NEXT (dB)	9.9	8.4	12.2	12.8
Freq. (MHz)	32.8	33.0	207.5	248.5
Limit (dB)	45.4	45.3	31.6	30.2



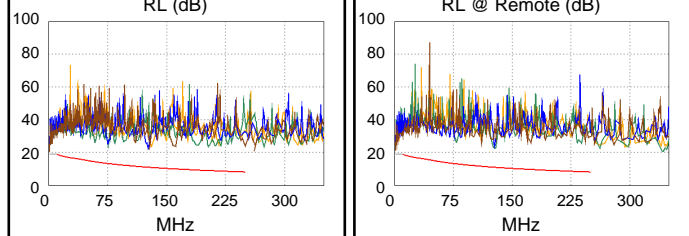
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-1,2	1,2-3,6	3,6-1,2
ACR-F (dB)	5.4	5.9	5.4	6.0
Freq. (MHz)	236.0	234.5	236.0	236.0
Limit (dB)	15.8	15.9	15.8	15.8
Worst Pair	3,6	1,2	3,6	1,2
PS ACR-F (dB)	7.6	8.2	7.6	8.2
Freq. (MHz)	235.0	237.0	235.0	237.0
Limit (dB)	12.8	12.8	12.8	12.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-N (dB)	12.1	10.7	27.3	25.6
Freq. (MHz)	4.3	11.0	207.0	200.0
Limit (dB)	58.3	49.0	2.2	3.1
Worst Pair	1,2	3,6	3,6	1,2
PS ACR-N (dB)	13.5	12.7	32.0	31.7
Freq. (MHz)	4.5	11.1	244.5	249.0
Limit (dB)	55.3	46.3	-5.2	-5.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	7,8	4,5	3,6
RL (dB)	10.5	11.0	10.5	11.6
Freq. (MHz)	127.0	10.6	127.0	128.5
Limit (dB)	11.0	18.9	11.0	10.9



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



Cable ID: CAT6/UTP/BK/40M-1

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 08:59:33 AM

Headroom 7.1 dB (NEXT 1,2-3,6)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

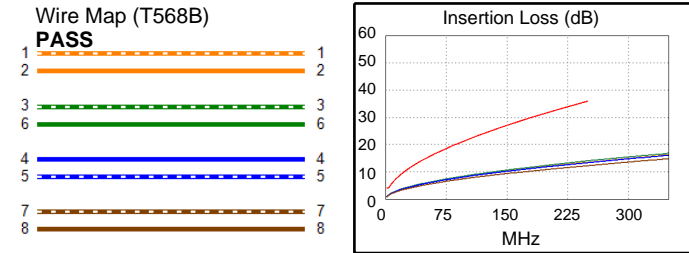
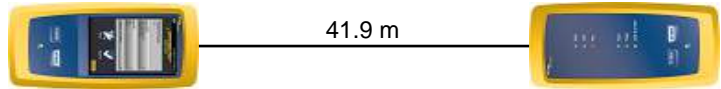
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

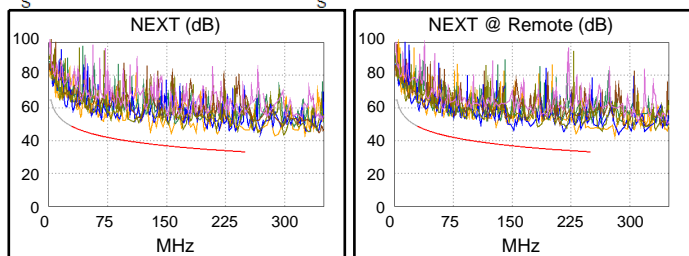
S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	41.9
Prop. Delay (ns), Limit 555	[Pair 4,5]	216
Delay Skew (ns), Limit 50	[Pair 4,5]	11
Resistance (ohms), Limit 25.00	[Pair 3,6]	7.15
Insertion Loss Margin (dB)	[Pair 3,6]	22.0
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

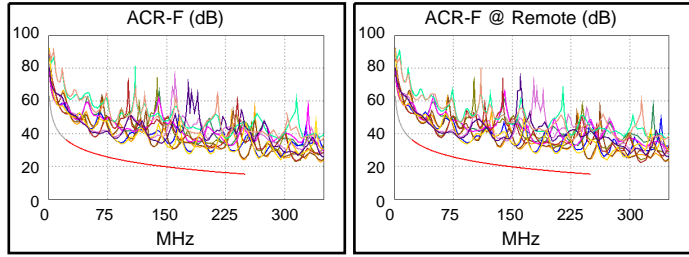


Worst Case Margin Worst Case Value

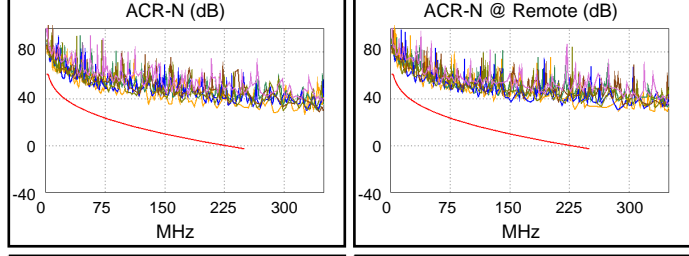
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-7,8	1,2-3,6
NEXT (dB)	7.1	9.5	10.3	10.6
Freq. (MHz)	130.0	40.8	231.0	231.5
Limit (dB)	38.0	46.5	33.7	33.7
Worst Pair	1,2	1,2	3,6	1,2
PS NEXT (dB)	9.6	10.5	11.2	12.6
Freq. (MHz)	67.5	40.8	214.0	231.5
Limit (dB)	40.0	43.8	31.3	30.7



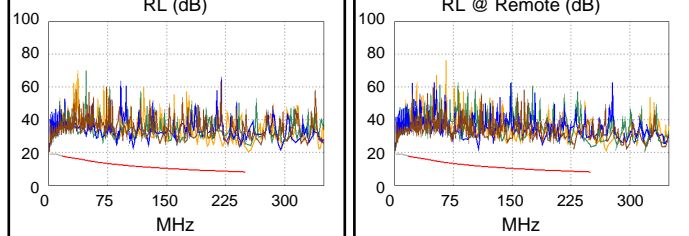
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	8.8	8.9	8.9	9.0
Freq. (MHz)	248.5	248.5	249.0	249.0
Limit (dB)	15.4	15.4	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.5	10.4	11.6	11.4
Freq. (MHz)	58.3	58.3	249.0	249.0
Limit (dB)	25.0	25.0	12.3	12.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-7,8	1,2-3,6	1,2-3,6
ACR-N (dB)	14.3	15.4	30.1	31.6
Freq. (MHz)	9.0	14.3	215.0	231.5
Limit (dB)	51.1	46.2	1.2	-0.7
Worst Pair	1,2	1,2	3,6	3,6
PS ACR-N (dB)	15.3	16.1	31.3	33.6
Freq. (MHz)	5.1	5.5	214.0	231.5
Limit (dB)	54.1	53.4	-1.6	-3.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	7,8
RL (dB)	11.3	10.7	11.3	13.5
Freq. (MHz)	107.5	107.5	107.5	228.5
Limit (dB)	11.7	11.7	11.7	8.4



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



Cable ID: CAT6/UTP/BK/40M-2

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:00:04 AM

Headroom 7.2 dB (NEXT 1,2-3,6)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

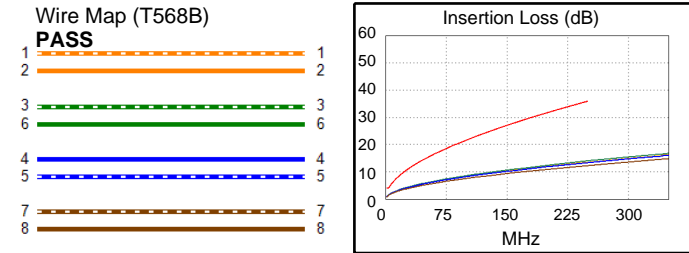
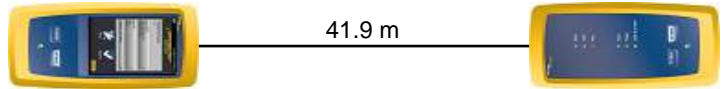
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

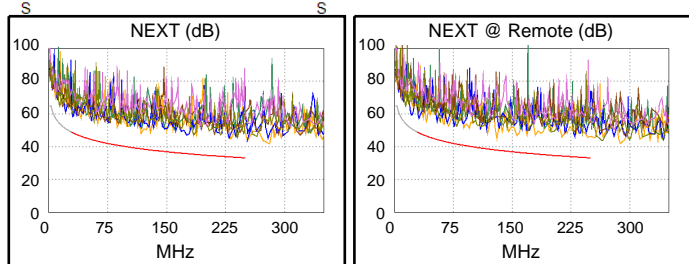
S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	41.9
Prop. Delay (ns), Limit 555	[Pair 4,5]	216
Delay Skew (ns), Limit 50	[Pair 4,5]	11
Resistance (ohms), Limit 25.00	[Pair 3,6]	7.14
Insertion Loss Margin (dB)	[Pair 3,6]	22.0
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

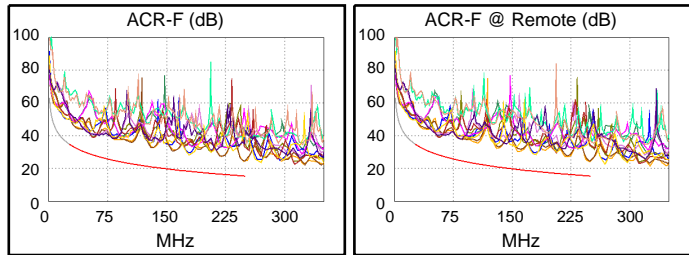


Worst Case Margin Worst Case Value

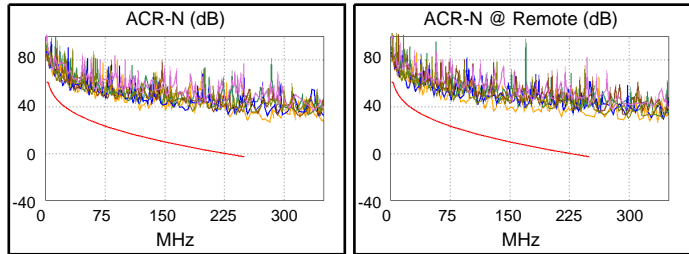
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	7.8	7.2	11.1	10.3
Freq. (MHz)	118.5	130.5	232.0	215.0
Limit (dB)	38.7	38.0	33.7	34.2
Worst Pair	1,2	1,2	1,2	1,2
PS NEXT (dB)	9.2	9.9	12.3	12.7
Freq. (MHz)	118.5	130.5	231.0	214.0
Limit (dB)	35.8	35.1	30.8	31.3



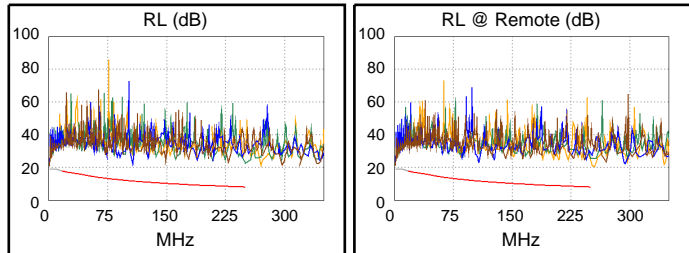
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	8.7	8.8	8.8	8.8
Freq. (MHz)	248.5	250.0	250.0	250.0
Limit (dB)	15.4	15.3	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.6	10.5	11.0	11.3
Freq. (MHz)	58.3	57.8	250.0	249.0
Limit (dB)	25.0	25.0	12.3	12.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-3,6	1,2-3,6	1,2-3,6
ACR-N (dB)	15.6	14.2	32.2	33.9
Freq. (MHz)	4.8	4.6	232.0	248.0
Limit (dB)	57.3	57.5	-0.8	-2.6
Worst Pair	1,2	1,2	1,2	3,6
PS ACR-N (dB)	15.5	13.5	33.8	36.0
Freq. (MHz)	5.4	4.9	231.0	248.5
Limit (dB)	53.6	54.5	-3.6	-5.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	4,5
RL (dB)	10.4	11.4	10.4	11.4
Freq. (MHz)	107.0	107.5	107.0	107.5
Limit (dB)	11.7	11.7	11.7	11.7



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



Cable ID: CAT6/UTP/BK/40M-3

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:00:15 AM

Headroom 7.2 dB (NEXT 1,2-3,6)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

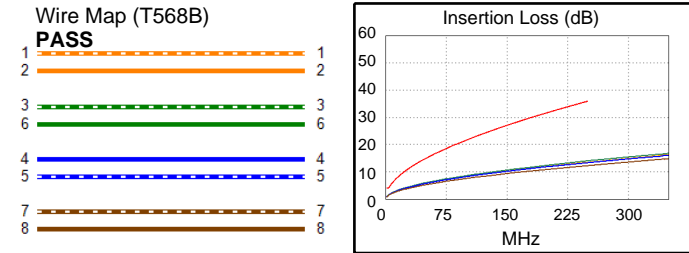
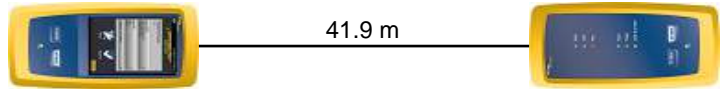
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

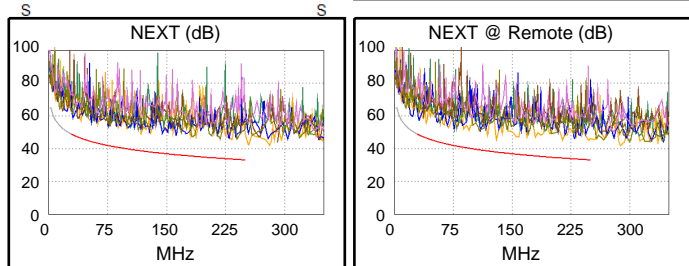
S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	41.9
Prop. Delay (ns), Limit 555	[Pair 4,5]	216
Delay Skew (ns), Limit 50	[Pair 4,5]	11
Resistance (ohms), Limit 25.00	[Pair 3,6]	7.18
Insertion Loss Margin (dB)	[Pair 3,6]	22.0
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

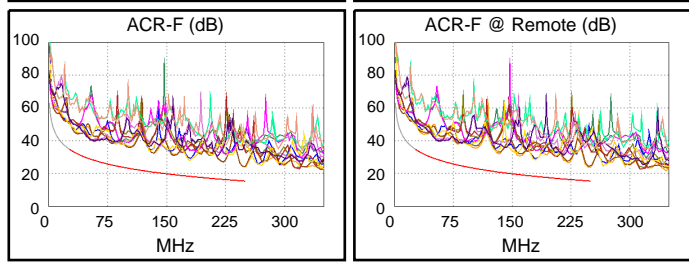


Worst Case Margin Worst Case Value

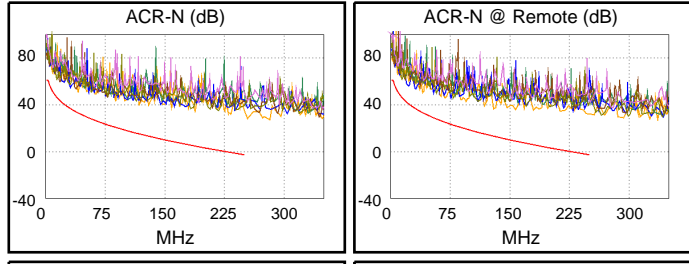
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	8.9	7.2	10.5	10.4
Freq. (MHz)	118.5	130.5	231.5	215.0
Limit (dB)	38.7	38.0	33.7	34.2
Worst Pair	1,2	1,2	1,2	1,2
PS NEXT (dB)	10.2	9.9	12.4	12.9
Freq. (MHz)	118.5	130.5	231.0	214.0
Limit (dB)	35.8	35.1	30.8	31.3



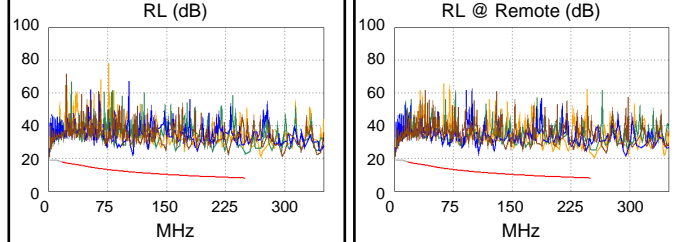
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	8.4	8.3	8.4	8.4
Freq. (MHz)	248.5	248.5	248.5	249.5
Limit (dB)	15.4	15.4	15.4	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.7	10.5	10.7	11.0
Freq. (MHz)	248.5	56.0	248.5	249.5
Limit (dB)	12.4	25.3	12.4	12.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	1,2-3,6	1,2-3,6
ACR-N (dB)	15.5	15.0	31.5	34.0
Freq. (MHz)	14.3	4.9	231.5	248.5
Limit (dB)	46.2	57.0	-0.7	-2.7
Worst Pair	1,2	1,2	3,6	3,6
PS ACR-N (dB)	15.7	13.9	33.5	35.9
Freq. (MHz)	5.3	4.9	231.5	248.5
Limit (dB)	53.8	54.5	-3.7	-5.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	4,5
RL (dB)	10.4	11.4	10.4	11.4
Freq. (MHz)	107.0	107.5	107.0	107.5
Limit (dB)	11.7	11.7	11.7	11.7



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		



Cable ID: CAT6/UTP/BK/40M-4

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:00:35 AM

Headroom 7.8 dB (NEXT 1,2-3,6)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

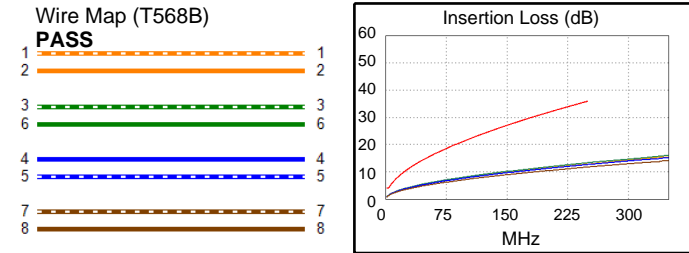
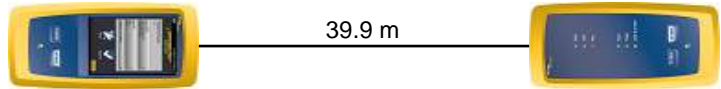
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

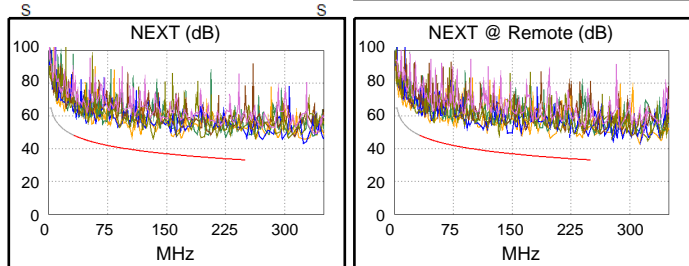
S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	39.9
Prop. Delay (ns), Limit 555	[Pair 4,5]	206
Delay Skew (ns), Limit 50	[Pair 4,5]	11
Resistance (ohms), Limit 25.00	[Pair 1,2]	6.81
Insertion Loss Margin (dB)	[Pair 3,6]	22.6
Frequency (MHz)	[Pair 3,6]	249.5
Limit (dB)	[Pair 3,6]	35.9

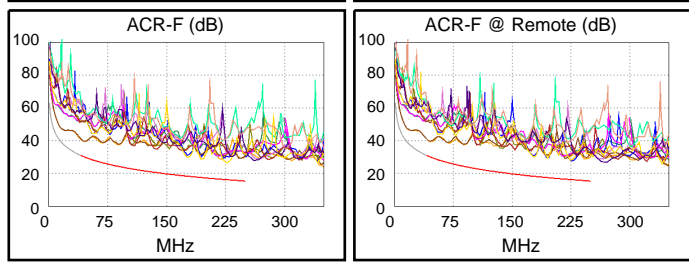


Worst Case Margin Worst Case Value

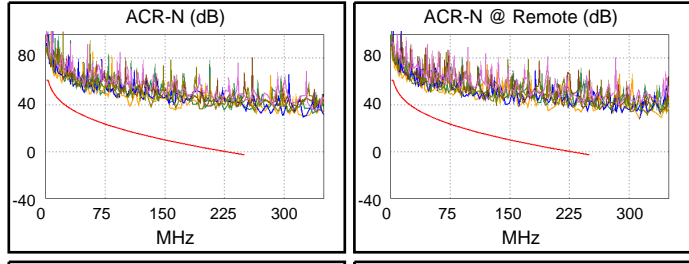
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-7,8
NEXT (dB)	7.8	10.1	9.4	12.7
Freq. (MHz)	106.0	44.5	163.5	248.0
Limit (dB)	39.5	45.9	36.3	33.2
Worst Pair	1,2	1,2	3,6	1,2
PS NEXT (dB)	9.7	11.3	9.7	12.6
Freq. (MHz)	105.5	47.8	163.5	199.0
Limit (dB)	36.7	42.6	33.4	31.9



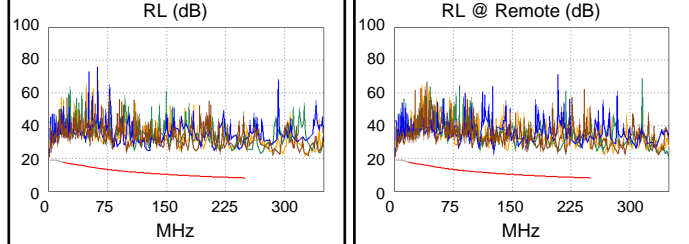
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	7,8-1,2	1,2-7,8
ACR-F (dB)	8.2	8.2	10.4	11.5
Freq. (MHz)	16.0	16.0	227.5	227.5
Limit (dB)	39.2	39.2	16.1	16.1
Worst Pair	1,2	1,2	1,2	1,2
PS ACR-F (dB)	10.8	10.8	11.5	11.9
Freq. (MHz)	16.0	15.3	227.0	222.5
Limit (dB)	36.2	36.6	13.1	13.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-N (dB)	15.5	13.8	27.2	34.7
Freq. (MHz)	10.9	4.8	163.5	238.5
Limit (dB)	49.1	57.3	7.9	-1.5
Worst Pair	3,6	3,6	1,2	3,6
PS ACR-N (dB)	15.0	15.3	37.7	36.5
Freq. (MHz)	9.9	10.1	249.0	239.5
Limit (dB)	47.6	47.3	-5.7	-4.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	4,5
RL (dB)	11.8	12.0	11.8	12.0
Freq. (MHz)	127.0	127.0	127.0	127.0
Limit (dB)	11.0	11.0	11.0	11.0



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: CAT6/UTP/BK/40M-5

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:00:55 AM

Headroom 8.4 dB (NEXT 1,2-3,6)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

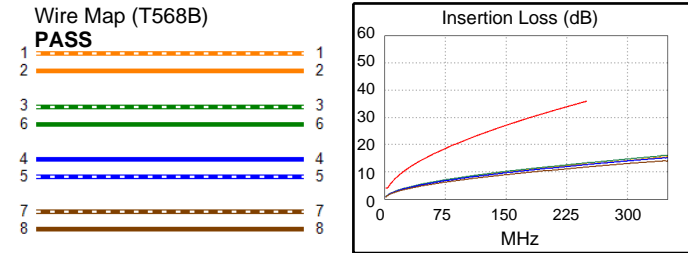
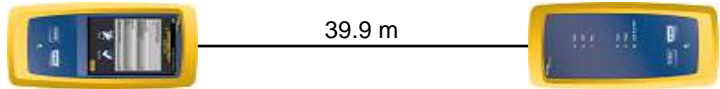
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

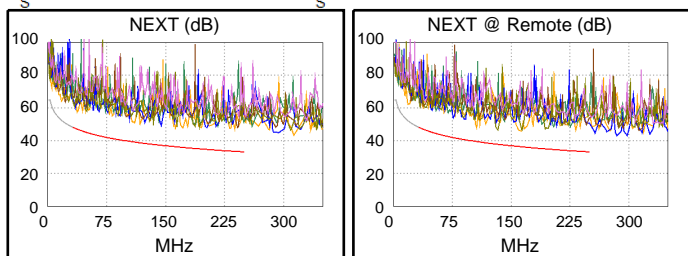
S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	39.9
Prop. Delay (ns), Limit 555	[Pair 4,5]	206
Delay Skew (ns), Limit 50	[Pair 4,5]	11
Resistance (ohms), Limit 25.00	[Pair 3,6]	6.79
Insertion Loss Margin (dB)	[Pair 3,6]	22.7
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

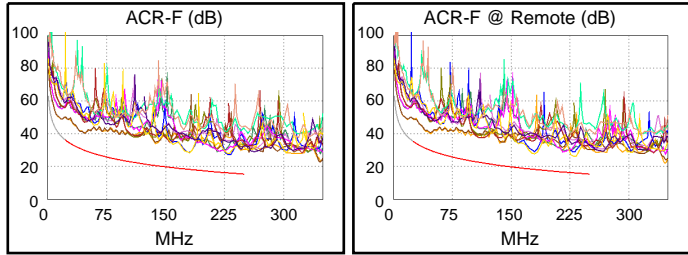


Worst Case Margin Worst Case Value

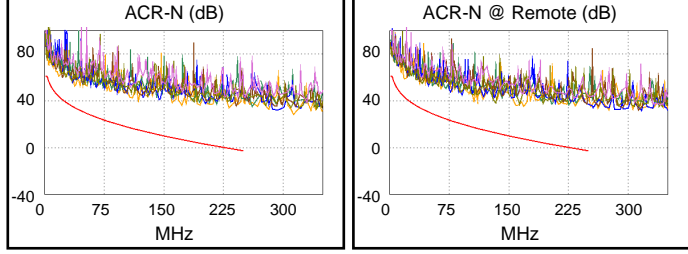
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	9.7	8.4	13.0	9.5
Freq. (MHz)	118.5	106.0	232.5	163.5
Limit (dB)	38.7	39.5	33.7	36.3
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	11.1	9.6	13.6	9.6
Freq. (MHz)	37.8	163.5	232.5	163.5
Limit (dB)	44.3	33.4	30.7	33.4



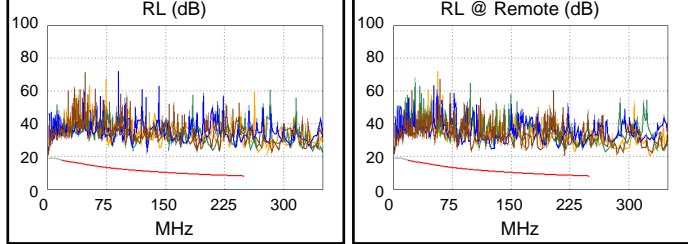
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-7,8	7,8-1,2
ACR-F (dB)	9.3	9.3	10.8	9.9
Freq. (MHz)	12.1	11.8	231.5	232.0
Limit (dB)	41.6	41.9	16.0	15.9
Worst Pair	1,2	1,2	1,2	1,2
PS ACR-F (dB)	11.5	11.7	12.9	11.7
Freq. (MHz)	12.3	231.5	229.5	231.5
Limit (dB)	38.5	13.0	13.0	13.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-N (dB)	13.8	15.6	34.7	34.5
Freq. (MHz)	5.0	18.4	232.5	232.5
Limit (dB)	56.8	43.3	-0.8	-0.8
Worst Pair	1,2	1,2	3,6	3,6
PS ACR-N (dB)	15.0	16.3	35.3	27.4
Freq. (MHz)	5.1	5.0	232.5	163.5
Limit (dB)	54.1	54.3	-3.8	5.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	7,8	4,5	4,5
RL (dB)	11.7	11.6	11.7	11.7
Freq. (MHz)	127.0	99.3	127.0	126.5
Limit (dB)	11.0	12.0	11.0	11.0



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: CAT6/UTP/BK/60M-1

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:03:52 AM

Headroom 4.6 dB (NEXT 1,2-3,6)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

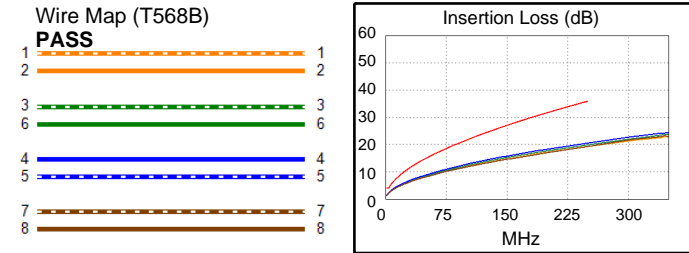
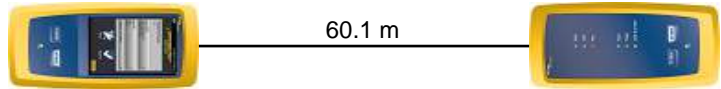
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

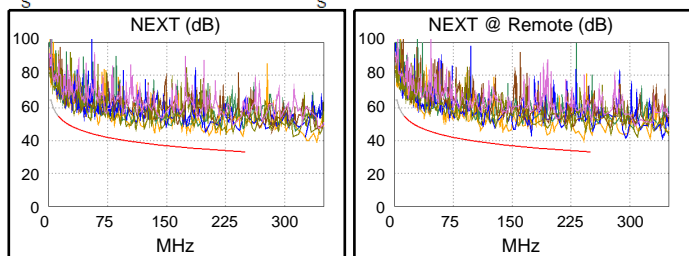
S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	60.1
Prop. Delay (ns), Limit 555	[Pair 4,5]	306
Delay Skew (ns), Limit 50	[Pair 4,5]	12
Resistance (ohms), Limit 25.00	[Pair 4,5]	10.44
Insertion Loss Margin (dB)	[Pair 4,5]	15.3
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

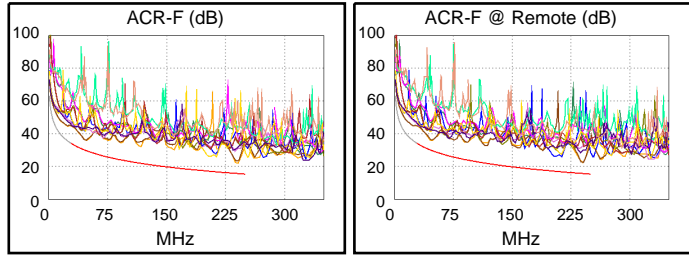


Worst Case Margin Worst Case Value

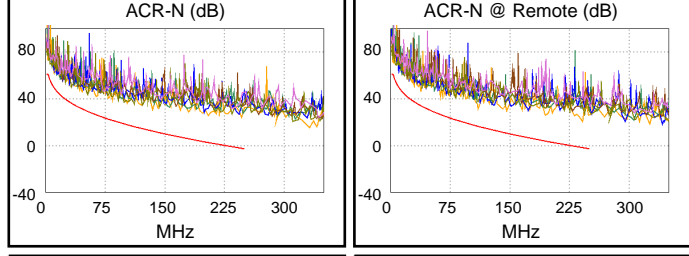
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	6.4	4.6	9.4	6.6
Freq. (MHz)	62.8	111.0	247.5	241.5
Limit (dB)	43.3	39.2	33.2	33.4
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	8.1	6.5	9.4	9.1
Freq. (MHz)	102.5	110.5	213.0	241.5
Limit (dB)	36.9	36.3	31.4	30.4



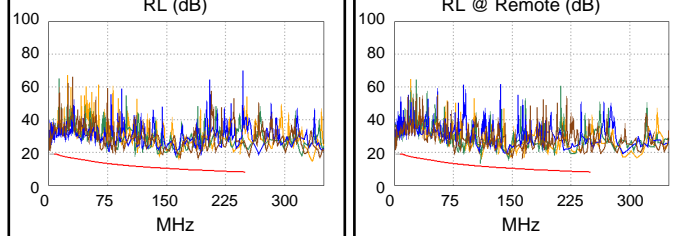
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	3,6-1,2
ACR-F (dB)	5.8	5.9	5.8	6.3
Freq. (MHz)	239.5	47.3	239.5	239.5
Limit (dB)	15.7	29.8	15.7	15.7
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	7.8	7.5	8.2	8.8
Freq. (MHz)	45.0	46.8	239.5	240.5
Limit (dB)	27.2	26.9	12.7	12.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-N (dB)	11.2	8.9	25.4	22.4
Freq. (MHz)	3.0	3.1	247.5	241.5
Limit (dB)	61.0	60.8	-2.5	-1.9
Worst Pair	3,6	3,6	1,2	3,6
PS ACR-N (dB)	12.3	10.0	27.8	24.8
Freq. (MHz)	3.3	3.3	247.5	241.5
Limit (dB)	58.0	58.0	-5.5	-4.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	3,6	1,2	3,6
RL (dB)	6.6	5.0	6.6	5.6
Freq. (MHz)	165.5	110.5	165.5	145.5
Limit (dB)	9.8	11.6	9.8	10.4



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: CAT6/UTP/BK/60M-2

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:04:09 AM

Headroom 4.7 dB (NEXT 1,2-3,6)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

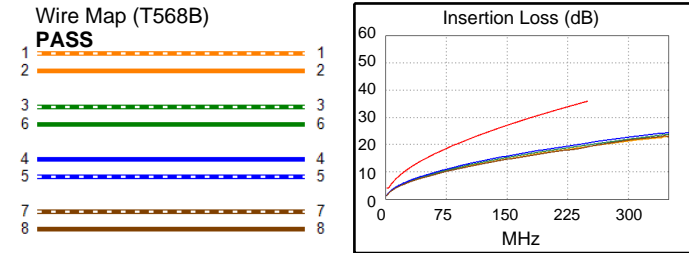
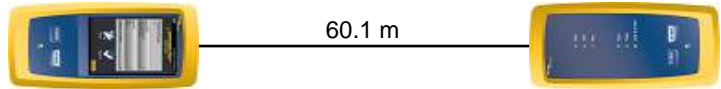
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

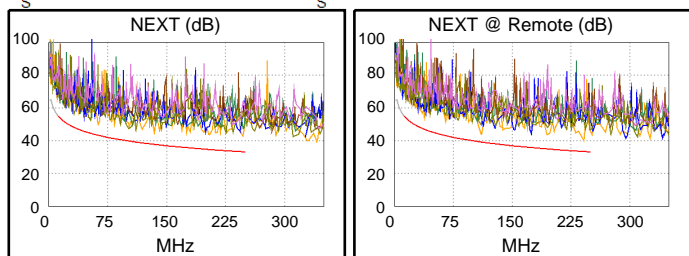
S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	60.1
Prop. Delay (ns), Limit 555	[Pair 4,5]	306
Delay Skew (ns), Limit 50	[Pair 4,5]	12
Resistance (ohms), Limit 25.00	[Pair 4,5]	10.44
Insertion Loss Margin (dB)	[Pair 4,5]	15.3
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

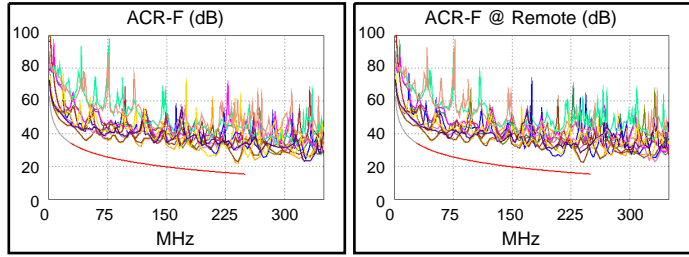


Worst Case Margin Worst Case Value

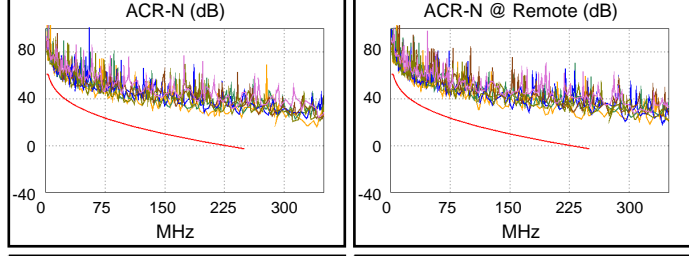
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	6.4	4.7	9.4	6.6
Freq. (MHz)	62.8	111.0	247.5	241.5
Limit (dB)	43.3	39.2	33.2	33.4
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	8.1	6.6	9.4	9.1
Freq. (MHz)	102.5	110.5	213.0	241.5
Limit (dB)	36.9	36.3	31.4	30.4



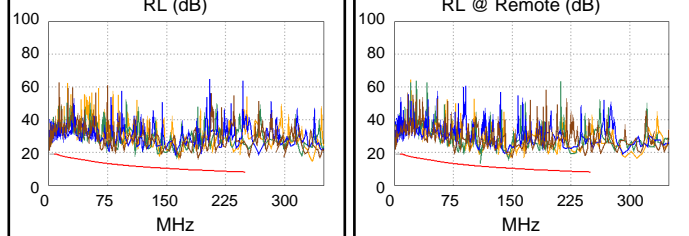
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	3,6-1,2
ACR-F (dB)	5.8	5.8	5.8	6.3
Freq. (MHz)	239.5	47.0	239.5	239.5
Limit (dB)	15.7	29.8	15.7	15.7
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	7.8	7.4	8.2	8.8
Freq. (MHz)	45.0	45.3	239.5	240.5
Limit (dB)	27.2	27.1	12.7	12.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-N (dB)	11.6	8.7	25.4	22.4
Freq. (MHz)	3.1	3.1	247.5	241.5
Limit (dB)	60.8	60.8	-2.5	-1.9
Worst Pair	3,6	3,6	1,2	3,6
PS ACR-N (dB)	12.1	9.8	27.8	24.8
Freq. (MHz)	3.3	3.3	247.5	241.5
Limit (dB)	58.0	58.0	-5.5	-4.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	3,6	1,2	3,6
RL (dB)	6.6	4.9	6.6	5.6
Freq. (MHz)	165.5	110.5	165.5	145.5
Limit (dB)	9.8	11.6	9.8	10.4



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



Cable ID: CAT6/UTP/BK/60M-3

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:04:24 AM

Headroom 4.8 dB (NEXT 1,2-3,6)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

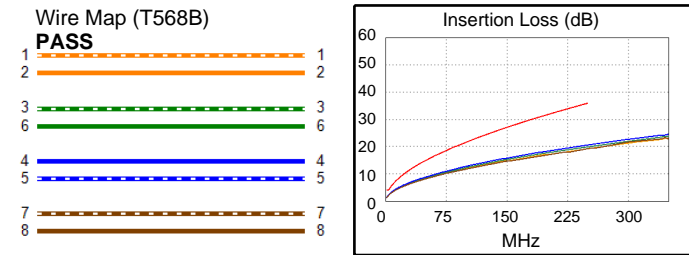
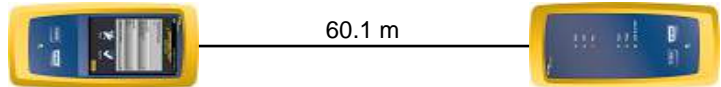
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

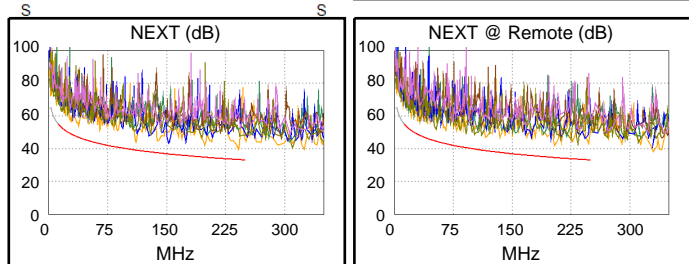
S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	60.1
Prop. Delay (ns), Limit 555	[Pair 4,5]	306
Delay Skew (ns), Limit 50	[Pair 4,5]	12
Resistance (ohms), Limit 25.00	[Pair 4,5]	10.44
Insertion Loss Margin (dB)	[Pair 4,5]	15.4
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

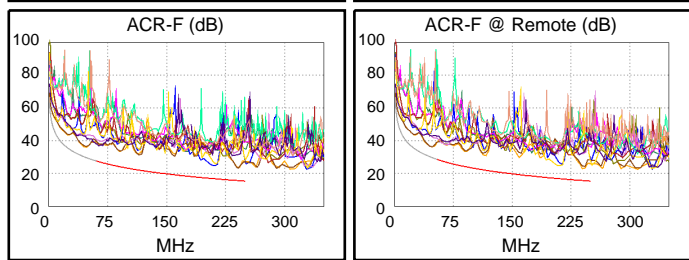


Worst Case Margin Worst Case Value

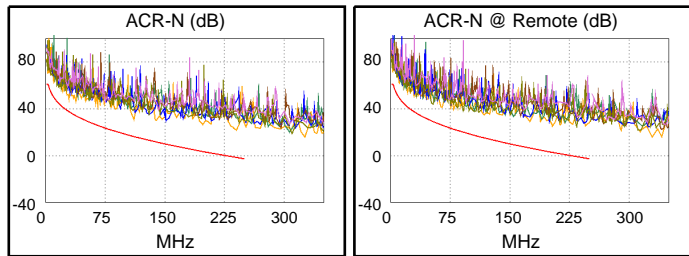
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-7,8	1,2-3,6	1,2-3,6
NEXT (dB)	4.8	7.0	6.2	7.4
Freq. (MHz)	111.0	52.8	241.5	204.0
Limit (dB)	39.2	44.6	33.4	34.6
Worst Pair	3,6	3,6	3,6	1,2
PS NEXT (dB)	6.8	9.2	9.0	9.3
Freq. (MHz)	111.0	53.3	241.5	204.0
Limit (dB)	36.3	41.8	30.4	31.7



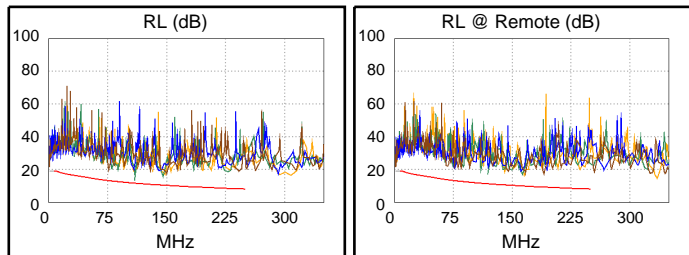
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-1,2	1,2-3,6
ACR-F (dB)	6.0	6.1	7.6	6.9
Freq. (MHz)	45.0	1.4	241.0	241.0
Limit (dB)	30.2	60.5	15.6	15.6
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	8.0	7.9	9.8	9.4
Freq. (MHz)	45.0	1.4	241.5	241.0
Limit (dB)	27.2	57.5	12.6	12.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-N (dB)	8.4	11.2	22.0	26.1
Freq. (MHz)	3.0	3.0	241.5	248.0
Limit (dB)	61.0	61.0	-1.9	-2.6
Worst Pair	3,6	3,6	3,6	1,2
PS ACR-N (dB)	9.9	12.4	24.7	27.8
Freq. (MHz)	3.3	3.3	241.5	244.5
Limit (dB)	58.0	58.0	-4.8	-5.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	1,2	3,6	1,2
RL (dB)	4.8	6.7	5.3	6.7
Freq. (MHz)	110.5	165.5	145.5	165.5
Limit (dB)	11.6	9.8	10.4	9.8



Compliant Network Standards:

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



Cable ID: CAT6/UTP/BK/60M-4

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:04:36 AM

Headroom 4.7 dB (NEXT 1,2-3,6)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

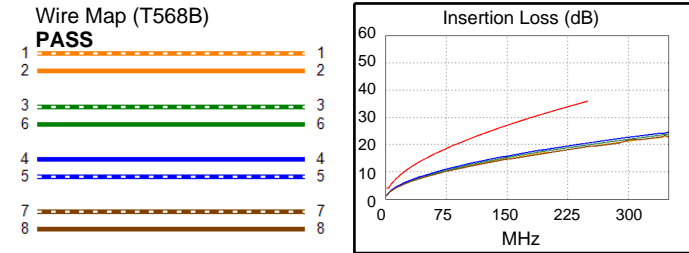
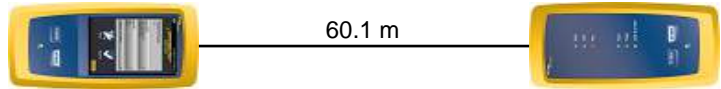
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

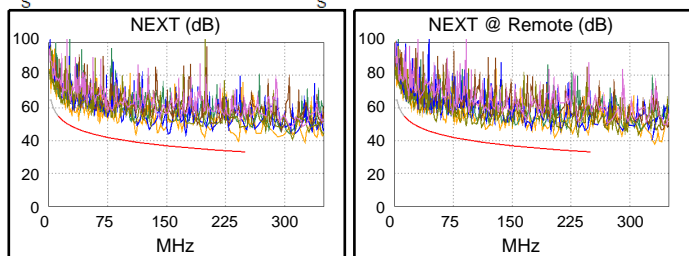
S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	60.1
Prop. Delay (ns), Limit 555	[Pair 4,5]	306
Delay Skew (ns), Limit 50	[Pair 4,5]	12
Resistance (ohms), Limit 25.00	[Pair 4,5]	10.44
Insertion Loss Margin (dB)	[Pair 4,5]	15.4
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

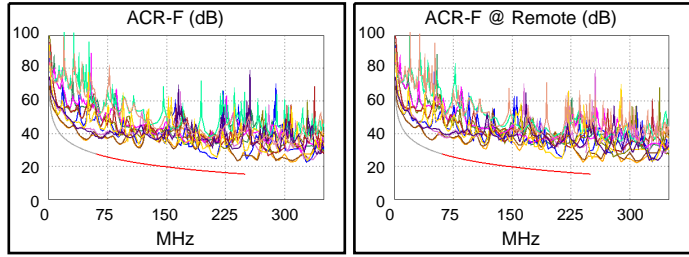


Worst Case Margin Worst Case Value

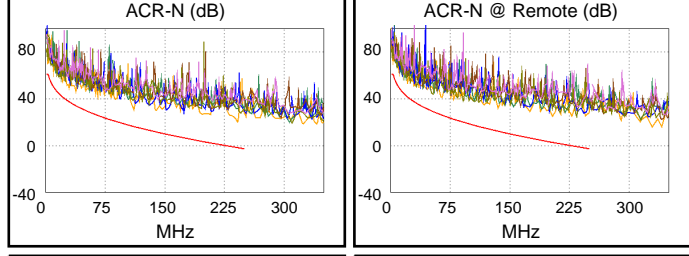
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-7,8	1,2-3,6	1,2-3,6
NEXT (dB)	4.7	6.9	6.2	7.4
Freq. (MHz)	111.0	52.8	241.5	204.0
Limit (dB)	39.2	44.6	33.4	34.6
Worst Pair	3,6	3,6	1,2	1,2
PS NEXT (dB)	6.6	9.1	9.0	9.3
Freq. (MHz)	111.0	24.8	241.5	204.0
Limit (dB)	36.3	47.4	30.4	31.7



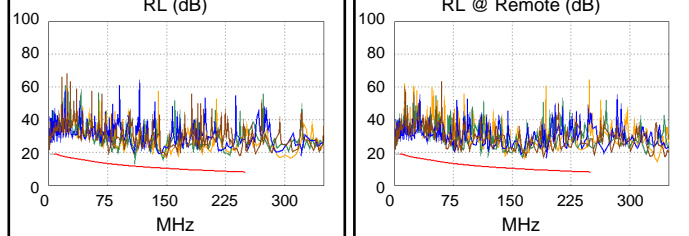
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-1,2	1,2-3,6
ACR-F (dB)	5.9	5.8	7.6	6.9
Freq. (MHz)	1.1	1.1	241.5	241.5
Limit (dB)	62.2	62.2	15.6	15.6
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	8.0	8.0	9.8	9.4
Freq. (MHz)	45.0	1.4	241.5	241.5
Limit (dB)	27.2	57.5	12.6	12.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-N (dB)	8.3	11.0	22.0	26.0
Freq. (MHz)	3.1	2.9	241.5	248.0
Limit (dB)	60.8	61.0	-1.9	-2.6
Worst Pair	3,6	3,6	3,6	1,2
PS ACR-N (dB)	9.7	12.8	24.8	27.8
Freq. (MHz)	3.3	3.3	241.5	244.5
Limit (dB)	58.0	58.0	-4.8	-5.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	1,2	3,6	1,2
RL (dB)	4.7	6.7	5.3	6.7
Freq. (MHz)	110.0	165.5	145.5	165.5
Limit (dB)	11.6	9.8	10.4	9.8



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



Cable ID: CAT6/UTP/BK/60M-5

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:04:50 AM

Headroom 6.3 dB (NEXT 1,2-3,6)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

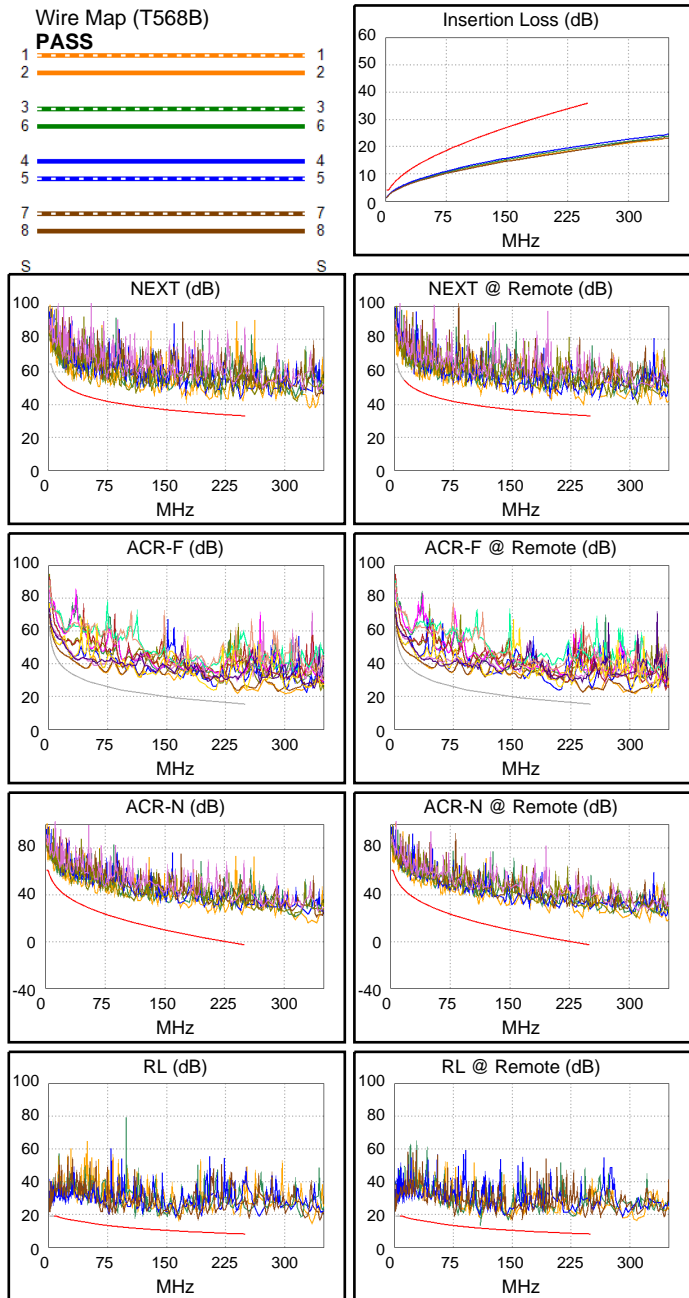
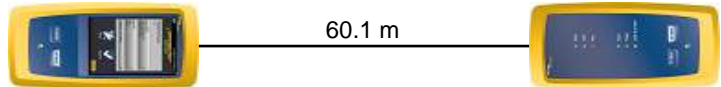
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	60.1
Prop. Delay (ns), Limit 555	[Pair 4,5]	306
Delay Skew (ns), Limit 50	[Pair 4,5]	12
Resistance (ohms), Limit 25.00	[Pair 4,5]	10.45
Insertion Loss Margin (dB)	[Pair 4,5]	15.3
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	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	6.6	6.3	9.2	6.6
Freq. (MHz)	62.8	111.0	248.0	241.5
Limit (dB)	43.3	39.2	33.2	33.4
Worst Pair	1,2	3,6	1,2	1,2
PS NEXT (dB)	8.1	8.0	11.0	9.1
Freq. (MHz)	24.9	111.0	247.5	241.5
Limit (dB)	47.4	36.3	30.2	30.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	3,6-1,2
ACR-F (dB)	6.3	6.9	6.3	7.0
Freq. (MHz)	240.5	46.8	240.5	241.0
Limit (dB)	15.6	29.9	15.6	15.6
Worst Pair	1,2	1,2	3,6	3,6
PS ACR-F (dB)	8.3	8.5	8.7	9.4
Freq. (MHz)	10.4	11.4	240.5	239.5
Limit (dB)	39.9	39.1	12.6	12.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-N (dB)	8.2	6.2	25.3	22.4
Freq. (MHz)	3.0	3.3	248.0	241.5
Limit (dB)	61.0	60.5	-2.6	-1.9
Worst Pair	3,6	3,6	1,2	3,6
PS ACR-N (dB)	10.1	8.0	27.7	25.1
Freq. (MHz)	3.3	3.3	247.5	241.5
Limit (dB)	58.0	58.0	-5.5	-4.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	3,6	1,2	3,6
RL (dB)	6.8	4.8	6.8	5.7
Freq. (MHz)	165.5	110.0	165.5	145.5
Limit (dB)	9.8	11.6	9.8	10.4

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: CAT6/UTP/BK/10M-1

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:11:20 AM

Headroom 5.1 dB (NEXT 3,6-7,8)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

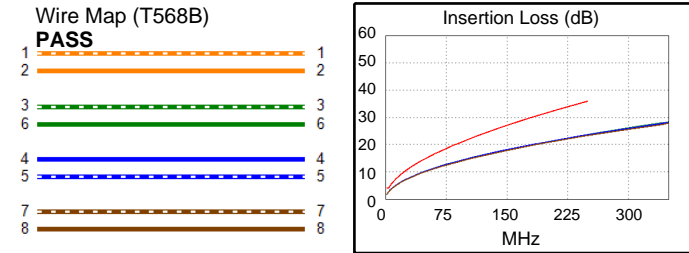
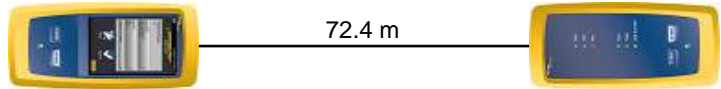
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

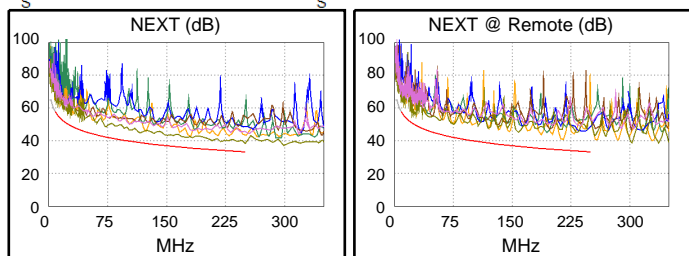
S/N: 5392125

Length (m), Limit 100.0	[Pair 3,6]	72.4
Prop. Delay (ns), Limit 555	[Pair 4,5]	356
Delay Skew (ns), Limit 50	[Pair 4,5]	2
Resistance (ohms), Limit 25.00	[Pair 3,6]	12.21
Insertion Loss Margin (dB)	[Pair 3,6]	12.2
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

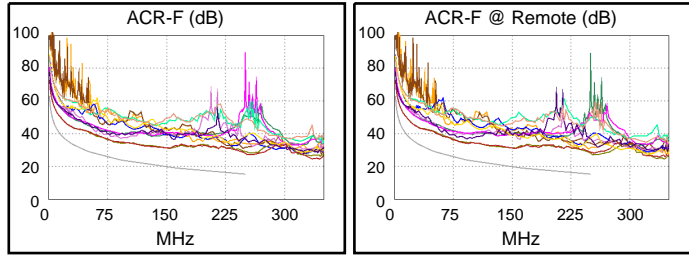


Worst Case Margin Worst Case Value

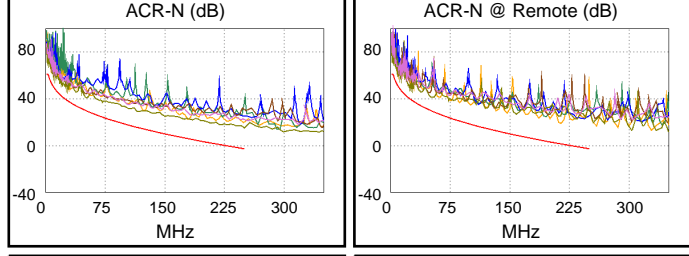
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	1,2-3,6
NEXT (dB)	5.2	5.1	5.2	6.3
Freq. (MHz)	250.0	23.5	250.0	213.5
Limit (dB)	33.1	50.5	33.1	34.3
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	6.4	6.1	6.8	8.1
Freq. (MHz)	9.8	9.8	250.0	213.5
Limit (dB)	54.2	54.2	30.2	31.4



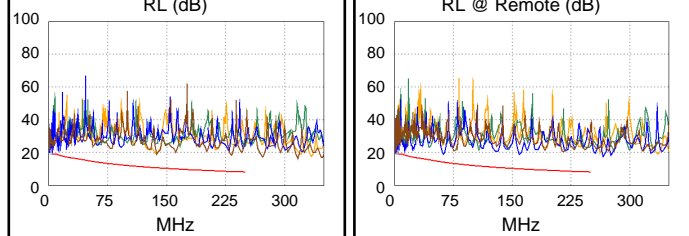
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	4,5-3,6	3,6-4,5
ACR-F (dB)	9.9	9.8	12.5	12.6
Freq. (MHz)	84.5	3.0	250.0	250.0
Limit (dB)	24.7	53.7	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.6	11.0	14.0	13.8
Freq. (MHz)	3.1	81.0	250.0	249.0
Limit (dB)	50.4	22.1	12.3	12.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	1,2-3,6
ACR-N (dB)	8.8	8.4	17.9	17.4
Freq. (MHz)	9.6	23.6	250.0	213.5
Limit (dB)	50.4	40.3	-2.8	1.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	8.5	8.2	19.1	19.2
Freq. (MHz)	9.8	9.8	250.0	213.5
Limit (dB)	47.7	47.7	-5.8	-1.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	7,8	4,5
RL (dB)	2.5	2.4	10.0	8.5
Freq. (MHz)	4.8	4.8	232.5	160.5
Limit (dB)	19.0	19.0	8.3	9.9



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



Cable ID: CAT6/UTP/BK/10M-2

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:11:56 AM

Headroom 4.9 dB (NEXT 3,6-7,8)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

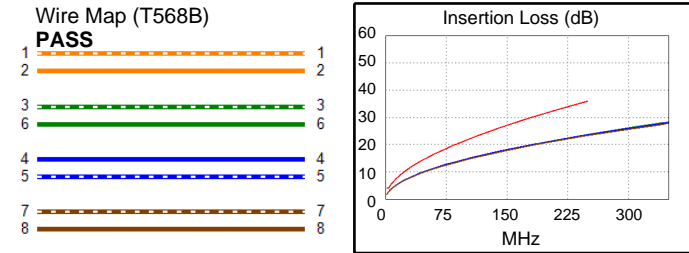
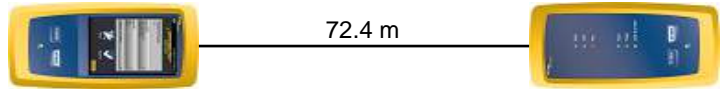
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

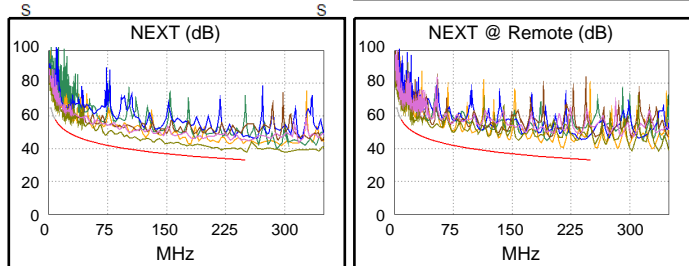
S/N: 5392125

Length (m), Limit 100.0	[Pair 3,6]	72.4
Prop. Delay (ns), Limit 555	[Pair 4,5]	356
Delay Skew (ns), Limit 50	[Pair 4,5]	2
Resistance (ohms), Limit 25.00	[Pair 3,6]	12.18
Insertion Loss Margin (dB)	[Pair 3,6]	12.2
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

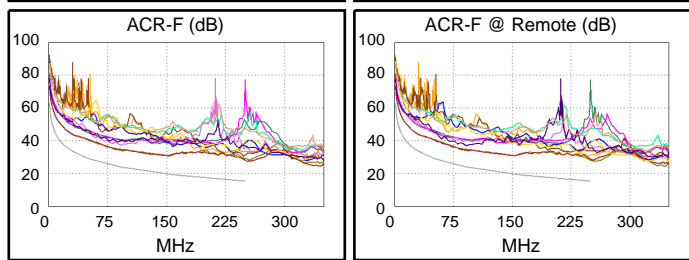


Worst Case Margin Worst Case Value

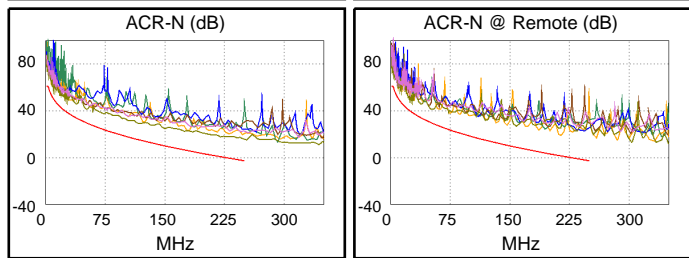
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	1,2-3,6
NEXT (dB)	4.9	5.1	4.9	6.3
Freq. (MHz)	250.0	23.5	250.0	213.5
Limit (dB)	33.1	50.5	33.1	34.3
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	6.4	6.1	6.5	8.1
Freq. (MHz)	9.8	9.8	250.0	213.5
Limit (dB)	54.2	54.2	30.2	31.4



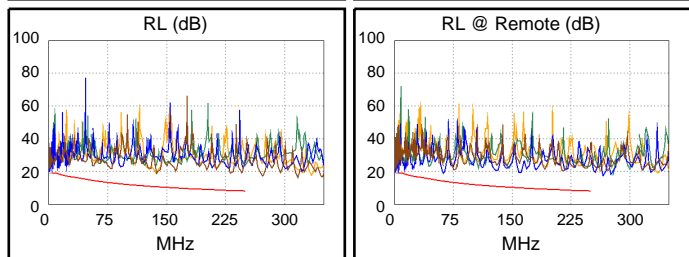
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	4,5-3,6	3,6-4,5
ACR-F (dB)	9.9	9.8	12.6	12.7
Freq. (MHz)	89.0	85.0	250.0	250.0
Limit (dB)	24.3	24.7	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.9	11.0	14.0	13.7
Freq. (MHz)	80.0	91.3	250.0	249.5
Limit (dB)	22.2	21.1	12.3	12.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	1,2-3,6
ACR-N (dB)	8.8	8.5	17.7	17.4
Freq. (MHz)	9.6	23.6	250.0	213.5
Limit (dB)	50.4	40.3	-2.8	1.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	8.5	8.2	18.8	19.2
Freq. (MHz)	9.8	9.8	250.0	213.5
Limit (dB)	47.7	47.7	-5.8	-1.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	7,8	4,5
RL (dB)	2.5	2.4	10.0	8.5
Freq. (MHz)	4.8	4.9	232.5	160.5
Limit (dB)	19.0	19.0	8.3	9.9



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		



Cable ID: CAT6/UTP/BK/10M-3

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:12:12 AM

Headroom 4.9 dB (NEXT 3,6-7,8)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

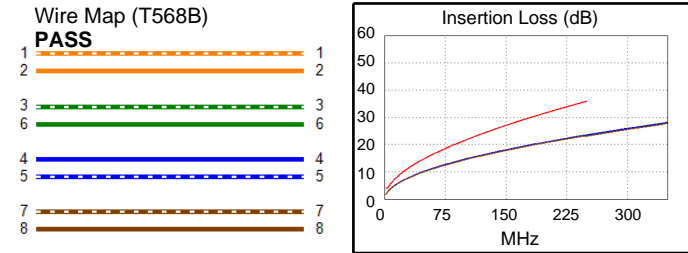
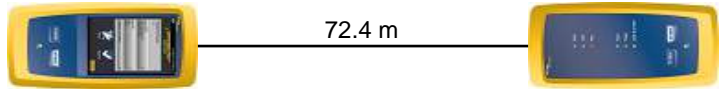
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

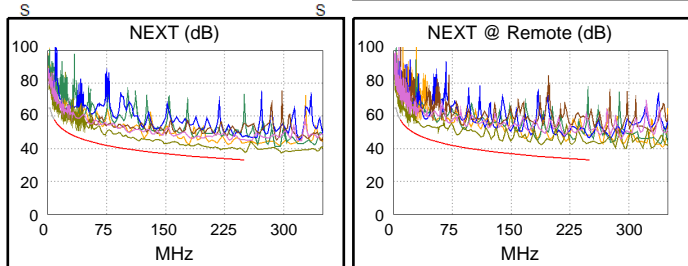
S/N: 5392125

Length (m), Limit 100.0	[Pair 3,6]	72.4
Prop. Delay (ns), Limit 555	[Pair 4,5]	356
Delay Skew (ns), Limit 50	[Pair 1,2]	2
Resistance (ohms), Limit 25.00	[Pair 3,6]	12.18
Insertion Loss Margin (dB)	[Pair 3,6]	12.3
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

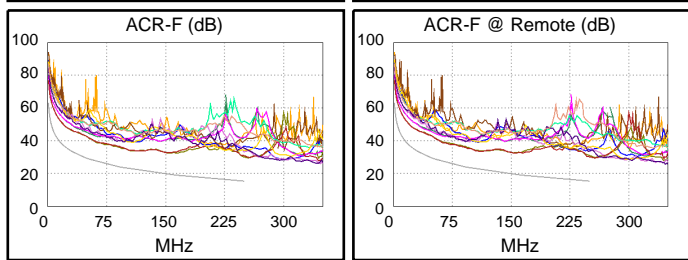


Worst Case Margin Worst Case Value

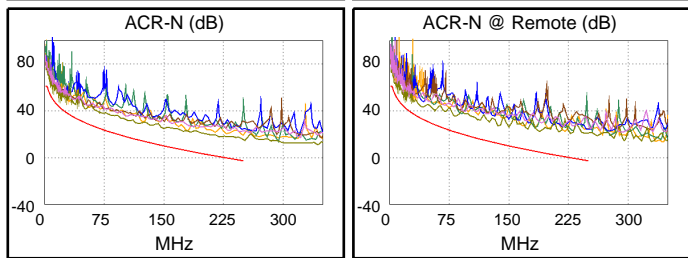
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	3,6-7,8
NEXT (dB)	4.9	4.9	4.9	6.7
Freq. (MHz)	250.0	19.6	250.0	188.0
Limit (dB)	33.1	51.8	33.1	35.2
Worst Pair	7,8	3,6	3,6	3,6
PS NEXT (dB)	6.3	6.6	6.5	8.9
Freq. (MHz)	19.6	19.6	250.0	187.5
Limit (dB)	49.1	49.1	30.2	32.3



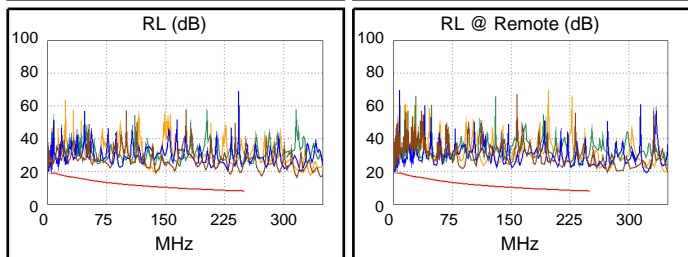
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	11.0	11.0	14.9	14.8
Freq. (MHz)	106.5	106.5	249.5	249.5
Limit (dB)	22.7	22.7	15.3	15.3
Worst Pair	4,5	3,6	3,6	3,6
PS ACR-F (dB)	12.6	12.8	17.0	15.5
Freq. (MHz)	63.0	72.5	250.0	250.0
Limit (dB)	24.3	23.1	12.3	12.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	3,6-7,8
ACR-N (dB)	8.0	7.1	17.7	22.5
Freq. (MHz)	7.9	7.9	250.0	247.0
Limit (dB)	52.4	52.4	-2.8	-2.5
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	8.3	8.2	18.9	23.6
Freq. (MHz)	7.9	7.9	250.0	247.0
Limit (dB)	49.9	49.9	-5.8	-5.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	7,8	1,2
RL (dB)	2.9	2.9	10.1	13.3
Freq. (MHz)	4.8	4.8	232.5	250.0
Limit (dB)	19.0	19.0	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



Cable ID: CAT6/UTP/BK/10M-4

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:12:52 AM

Headroom 4.0 dB (NEXT 3,6-7,8)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

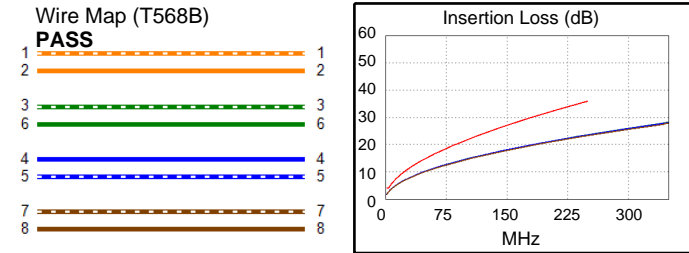
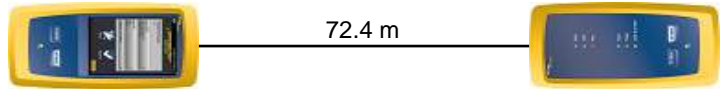
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

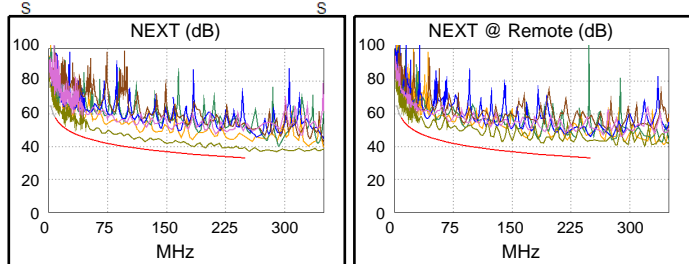
S/N: 5392125

Length (m), Limit 100.0	[Pair 3,6]	72.4
Prop. Delay (ns), Limit 555	[Pair 4,5]	356
Delay Skew (ns), Limit 50	[Pair 1,2]	2
Resistance (ohms), Limit 25.00	[Pair 3,6]	11.97
Insertion Loss Margin (dB)	[Pair 3,6]	12.3
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

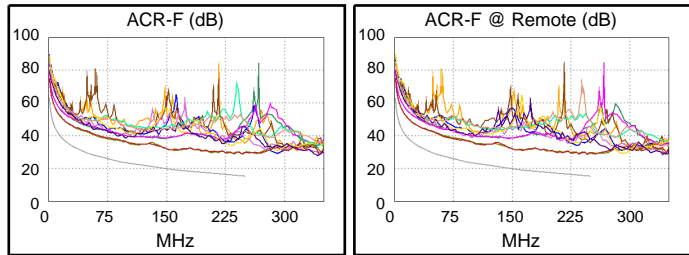


Worst Case Margin Worst Case Value

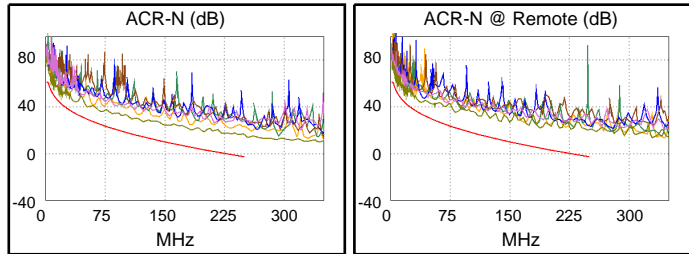
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	3,6-7,8
NEXT (dB)	4.0	4.7	5.6	6.7
Freq. (MHz)	19.6	19.6	245.5	188.0
Limit (dB)	51.8	51.8	33.3	35.2
Worst Pair	7,8	3,6	3,6	3,6
PS NEXT (dB)	5.6	6.6	7.2	8.9
Freq. (MHz)	19.5	19.5	233.5	187.5
Limit (dB)	49.2	49.2	30.7	32.3



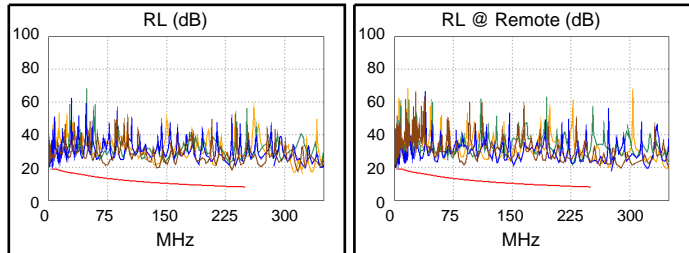
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	4,5-3,6
ACR-F (dB)	11.7	11.8	13.3	13.2
Freq. (MHz)	155.0	155.0	246.5	246.5
Limit (dB)	19.5	19.5	15.4	15.4
Worst Pair	4,5	4,5	3,6	3,6
PS ACR-F (dB)	13.0	13.1	15.7	15.7
Freq. (MHz)	22.6	20.4	247.5	247.0
Limit (dB)	33.2	34.1	12.4	12.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	3,6-7,8
ACR-N (dB)	6.6	6.6	18.2	22.5
Freq. (MHz)	7.9	7.9	245.5	247.5
Limit (dB)	52.4	52.4	-2.3	-2.5
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	7.6	7.9	20.6	23.4
Freq. (MHz)	7.9	7.9	250.0	247.0
Limit (dB)	49.9	49.9	-5.8	-5.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	7,8	1,2
RL (dB)	2.8	2.8	10.2	13.4
Freq. (MHz)	4.8	4.8	233.0	250.0
Limit (dB)	19.0	19.0	8.3	8.0



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



Cable ID: CAT6/UTP/BK/10M-5

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:13:02 AM

Headroom 4.0 dB (NEXT 3,6-7,8)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

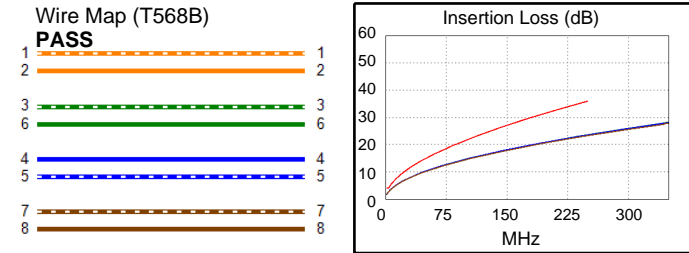
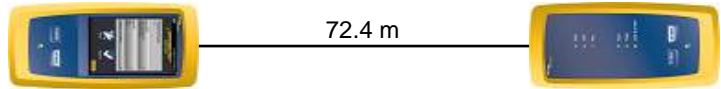
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

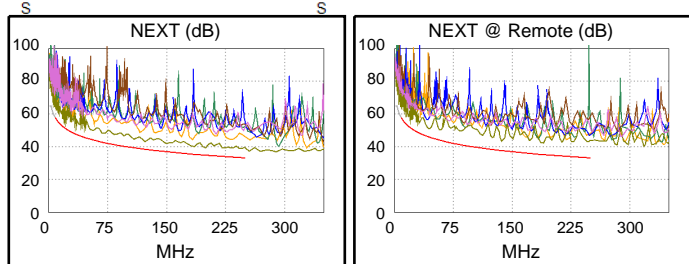
S/N: 5392125

Length (m), Limit 100.0	[Pair 3,6]	72.4
Prop. Delay (ns), Limit 555	[Pair 4,5]	356
Delay Skew (ns), Limit 50	[Pair 1,2]	2
Resistance (ohms), Limit 25.00	[Pair 3,6]	11.96
Insertion Loss Margin (dB)	[Pair 3,6]	12.3
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

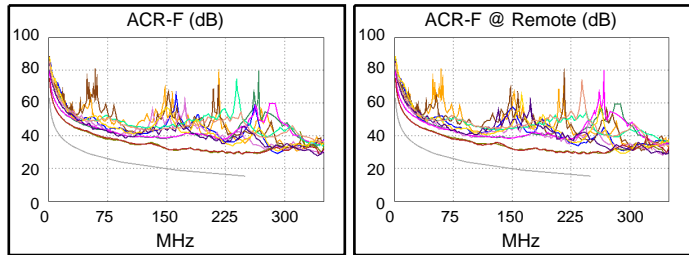


Worst Case Margin Worst Case Value

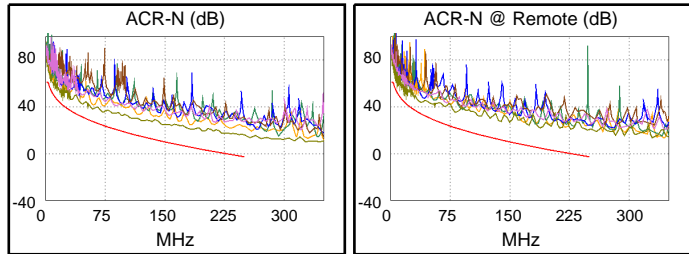
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	3,6-7,8
NEXT (dB)	4.0	4.7	5.6	6.7
Freq. (MHz)	19.6	19.6	245.5	188.0
Limit (dB)	51.8	51.8	33.3	35.2
Worst Pair	7,8	3,6	3,6	3,6
PS NEXT (dB)	5.6	6.6	7.2	8.9
Freq. (MHz)	19.5	19.5	233.5	187.5
Limit (dB)	49.2	49.2	30.7	32.3



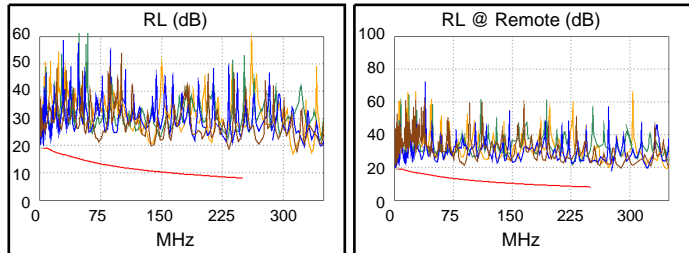
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	4,5-3,6
ACR-F (dB)	11.7	11.8	13.3	13.2
Freq. (MHz)	155.0	155.0	246.5	246.5
Limit (dB)	19.5	19.5	15.4	15.4
Worst Pair	4,5	4,5	3,6	3,6
PS ACR-F (dB)	13.0	13.1	15.7	15.7
Freq. (MHz)	22.6	20.4	246.5	247.0
Limit (dB)	33.2	34.1	12.4	12.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	3,6-7,8
ACR-N (dB)	6.5	6.6	18.2	22.4
Freq. (MHz)	7.8	7.9	245.5	247.0
Limit (dB)	52.6	52.4	-2.3	-2.5
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	7.6	7.9	20.6	23.4
Freq. (MHz)	7.8	7.9	250.0	247.0
Limit (dB)	50.0	49.9	-5.8	-5.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	7,8	1,2
RL (dB)	2.7	2.8	10.3	13.4
Freq. (MHz)	4.8	4.8	233.0	250.0
Limit (dB)	19.0	19.0	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



Cable ID: CAT6/UTP/BK/15M-1

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:14:13 AM

Headroom 3.8 dB (NEXT 3,6-7,8)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

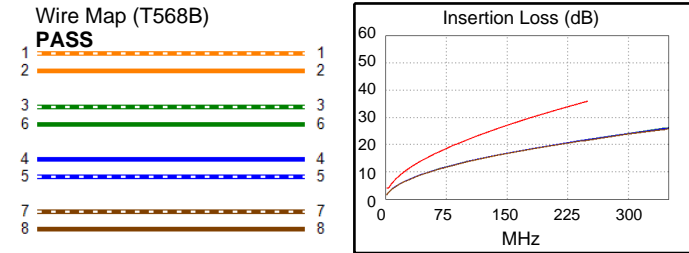
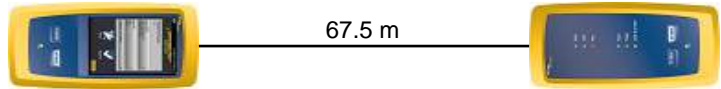
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

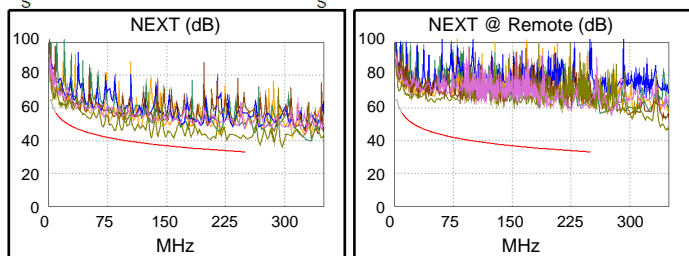
S/N: 5392125

Length (m), Limit 100.0	[Pair 3,6]	67.5
Prop. Delay (ns), Limit 555	[Pair 4,5]	332
Delay Skew (ns), Limit 50	[Pair 1,2]	2
Resistance (ohms), Limit 25.00	[Pair 3,6]	11.19
Insertion Loss Margin (dB)	[Pair 3,6]	14.0
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

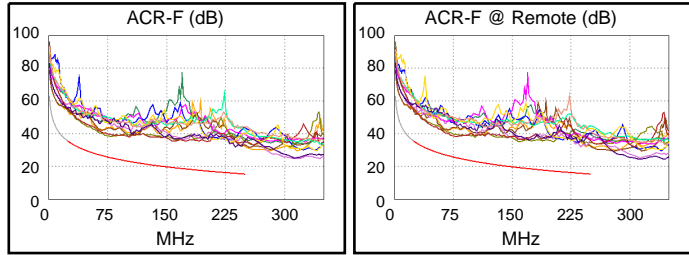


Worst Case Margin Worst Case Value

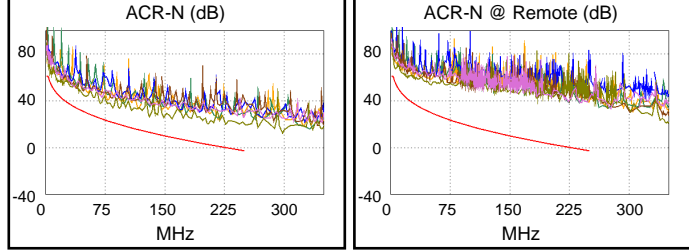
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	4,5-7,8
NEXT (dB)	3.8	13.9	5.0	24.8
Freq. (MHz)	130.5	13.8	204.0	240.0
Limit (dB)	38.0	54.3	34.6	33.4
Worst Pair	7,8	3,6	3,6	4,5
PS NEXT (dB)	6.3	14.0	7.2	24.5
Freq. (MHz)	130.5	13.8	204.0	225.5
Limit (dB)	35.1	51.7	31.7	30.9



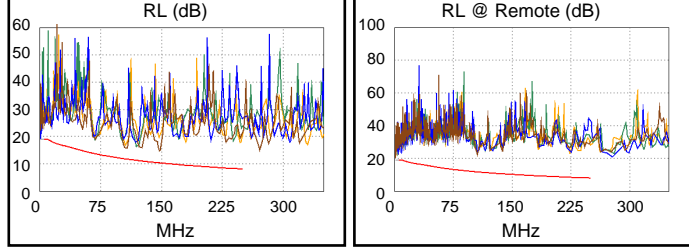
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	7,8-3,6	3,6-7,8
ACR-F (dB)	12.8	12.8	15.9	16.2
Freq. (MHz)	72.5	72.5	238.5	238.5
Limit (dB)	26.1	26.1	15.7	15.7
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	14.2	13.9	15.6	17.8
Freq. (MHz)	65.0	64.5	245.5	247.0
Limit (dB)	24.0	24.1	12.5	12.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	4,5-7,8
ACR-N (dB)	8.0	11.4	22.1	38.7
Freq. (MHz)	5.5	5.8	250.0	240.0
Limit (dB)	55.9	55.5	-2.8	-1.7
Worst Pair	3,6	3,6	3,6	4,5
PS ACR-N (dB)	9.0	12.2	24.3	37.7
Freq. (MHz)	5.5	5.8	250.0	225.5
Limit (dB)	53.4	53.0	-5.8	-3.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	4,5	7,8	7,8
RL (dB)	3.3	5.2	4.4	10.5
Freq. (MHz)	105.5	5.1	148.0	105.5
Limit (dB)	11.8	19.0	10.3	11.8



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: CAT6/UTP/BK/15M-2

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:14:42 AM

Headroom 7.3 dB (NEXT 1,2-3,6)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

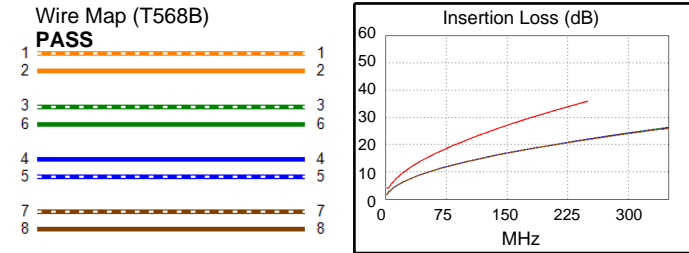
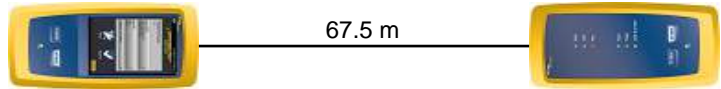
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

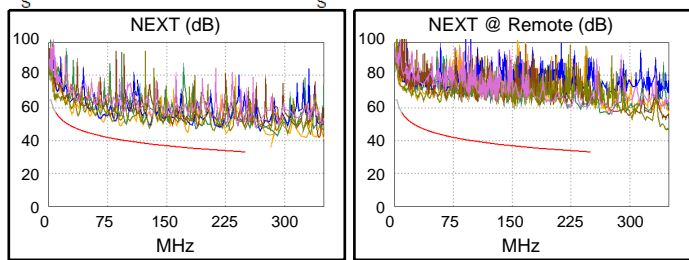
Adapter: DSX-8000R (DSX-CHA004)

S/N: 5392125

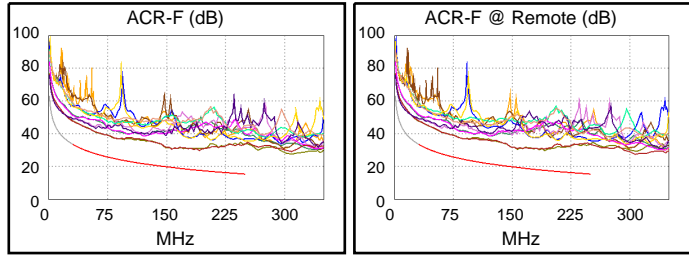
Length (m), Limit 100.0	[Pair 3,6]	67.5
Prop. Delay (ns), Limit 555	[Pair 1,2]	332
Delay Skew (ns), Limit 50	[Pair 1,2]	2
Resistance (ohms), Limit 25.00	[Pair 3,6]	11.11
Insertion Loss Margin (dB)	[Pair 3,6]	13.9
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9



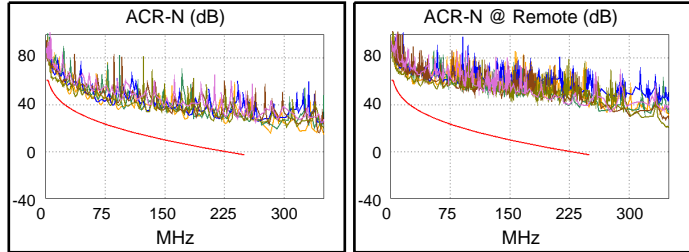
	Worst Case Margin	Worst Case Value		
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-7,8	1,2-3,6	1,2-4,5
NEXT (dB)	7.3	14.7	10.7	24.6
Freq. (MHz)	29.8	9.8	226.5	223.5
Limit (dB)	48.8	56.8	33.9	34.0
Worst Pair	3,6	3,6	1,2	4,5
PS NEXT (dB)	8.4	15.7	12.2	24.7
Freq. (MHz)	29.6	9.8	226.5	225.5
Limit (dB)	46.1	54.2	30.9	30.9



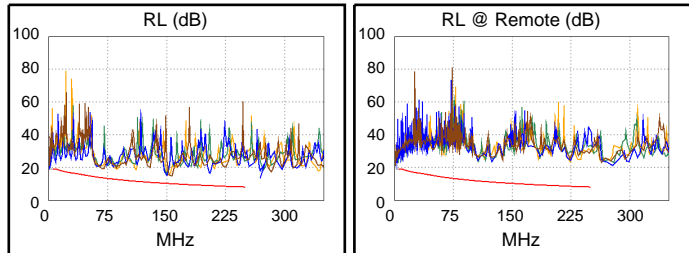
	Worst Case Margin	Worst Case Value		
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	4,5-3,6	3,6-4,5
ACR-F (dB)	11.1	11.0	12.1	12.0
Freq. (MHz)	156.5	156.5	191.5	191.5
Limit (dB)	19.4	19.4	17.6	17.6
Worst Pair	3,6	3,6	3,6	4,5
PS ACR-F (dB)	13.3	13.4	14.7	14.8
Freq. (MHz)	3.4	3.1	191.5	191.5
Limit (dB)	49.7	50.4	14.6	14.6



	Worst Case Margin	Worst Case Value		
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	1,2-3,6	4,5-7,8
ACR-N (dB)	9.3	15.5	23.9	38.9
Freq. (MHz)	7.4	6.0	226.5	240.0
Limit (dB)	53.1	55.1	-0.1	-1.7
Worst Pair	3,6	3,6	1,2	4,5
PS ACR-N (dB)	10.0	15.0	25.3	37.8
Freq. (MHz)	7.4	6.0	226.5	225.5
Limit (dB)	50.5	52.6	-3.1	-3.0



	Worst Case Margin	Worst Case Value		
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	4,5	7,8	1,2
RL (dB)	3.9	5.2	3.9	15.0
Freq. (MHz)	155.5	9.1	155.5	224.0
Limit (dB)	10.1	19.0	10.1	8.5



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: CAT6/UTP/BK/15M-3

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:15:01 AM

Headroom 6.9 dB (NEXT 1,2-3,6)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

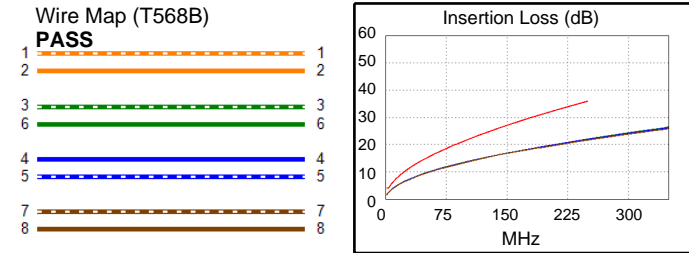
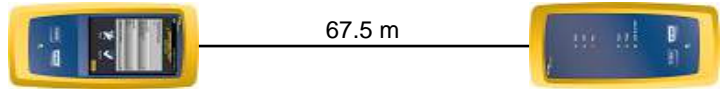
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

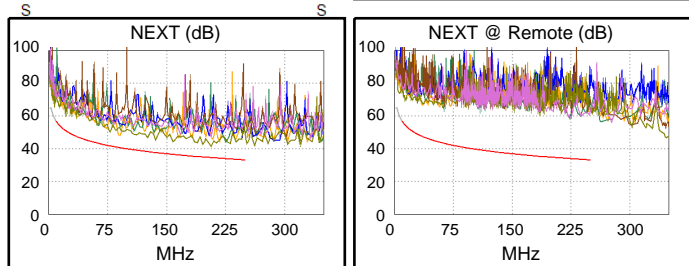
S/N: 5392125

Length (m), Limit 100.0	[Pair 3,6]	67.5
Prop. Delay (ns), Limit 555	[Pair 4,5]	331
Delay Skew (ns), Limit 50	[Pair 1,2]	1
Resistance (ohms), Limit 25.00	[Pair 3,6]	11.12
Insertion Loss Margin (dB)	[Pair 3,6]	13.9
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

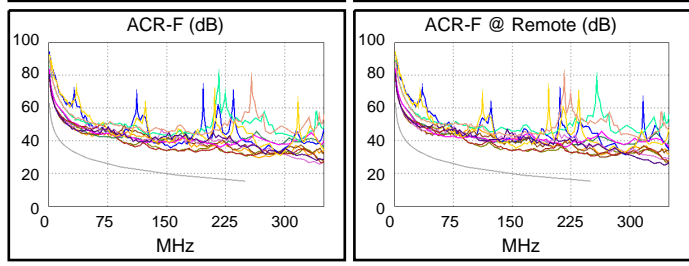


Worst Case Margin Worst Case Value

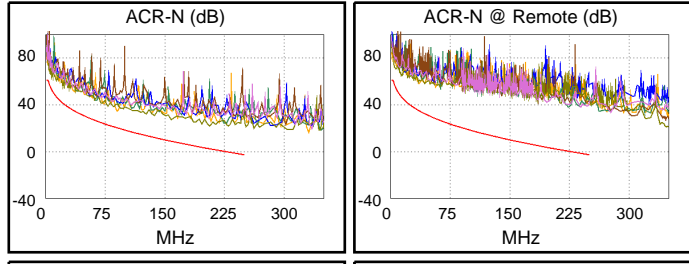
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-7,8	3,6-7,8	4,5-7,8
NEXT (dB)	6.9	15.0	7.0	25.0
Freq. (MHz)	90.3	13.6	206.5	240.0
Limit (dB)	40.7	54.4	34.5	33.4
Worst Pair	1,2	3,6	7,8	4,5
PS NEXT (dB)	8.4	16.5	8.5	24.4
Freq. (MHz)	90.3	13.6	206.5	225.5
Limit (dB)	37.8	51.8	31.6	30.9



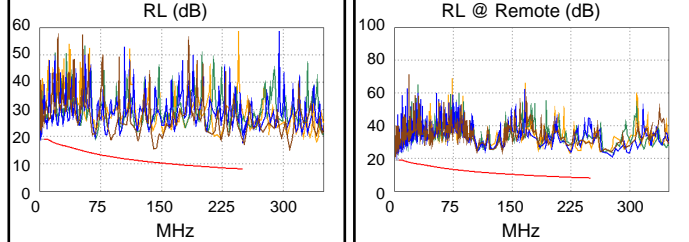
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-1,2	3,6-4,5	4,5-3,6
ACR-F (dB)	13.2	13.2	15.4	15.4
Freq. (MHz)	40.5	40.5	250.0	250.0
Limit (dB)	31.1	31.1	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.9	12.9	16.5	17.0
Freq. (MHz)	36.3	18.1	250.0	250.0
Limit (dB)	29.1	35.1	12.3	12.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	4,5-7,8
ACR-N (dB)	10.8	14.5	19.5	39.0
Freq. (MHz)	5.5	5.9	206.5	240.0
Limit (dB)	55.9	55.3	2.3	-1.7
Worst Pair	3,6	3,6	3,6	4,5
PS ACR-N (dB)	12.1	15.4	24.5	37.6
Freq. (MHz)	5.5	5.9	238.5	225.5
Limit (dB)	53.4	52.8	-4.5	-3.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	4,5	7,8	1,2
RL (dB)	3.9	5.3	3.9	14.9
Freq. (MHz)	142.5	5.1	142.5	223.5
Limit (dB)	10.5	19.0	10.5	8.5



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: CAT6/UTP/BK/15M-4

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:15:18 AM

Headroom 6.4 dB (NEXT 3,6-7,8)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

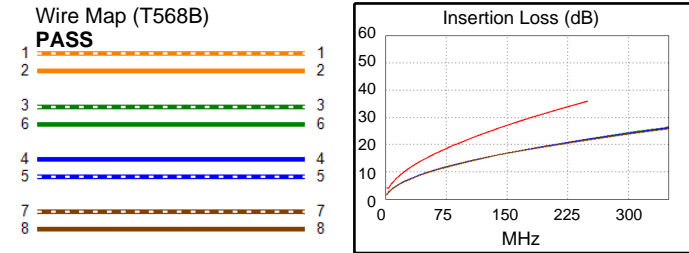
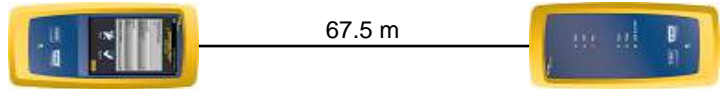
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

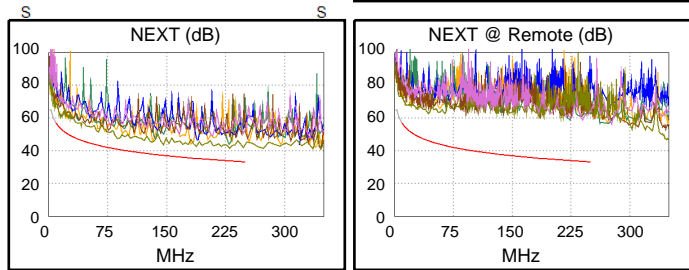
S/N: 5392125

Length (m), Limit 100.0	[Pair 3,6]	67.5
Prop. Delay (ns), Limit 555	[Pair 4,5]	331
Delay Skew (ns), Limit 50	[Pair 1,2]	1
Resistance (ohms), Limit 25.00	[Pair 3,6]	11.17
Insertion Loss Margin (dB)	[Pair 3,6]	13.9
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

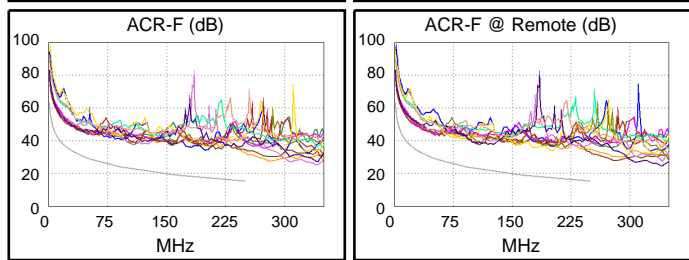


Worst Case Margin Worst Case Value

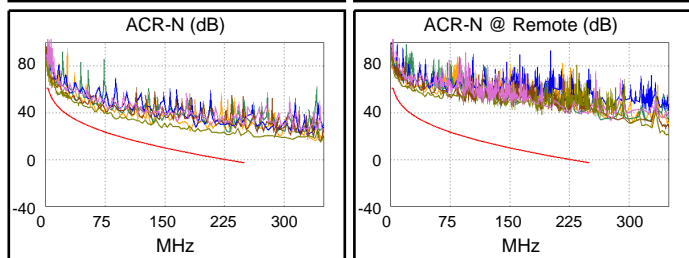
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	1,2-4,5
NEXT (dB)	6.4	13.4	7.8	24.9
Freq. (MHz)	145.5	13.8	230.0	224.0
Limit (dB)	37.2	54.3	33.7	33.9
Worst Pair	3,6	3,6	3,6	4,5
PS NEXT (dB)	7.0	13.9	9.5	24.6
Freq. (MHz)	132.5	13.8	231.5	225.5
Limit (dB)	35.0	51.7	30.7	30.9



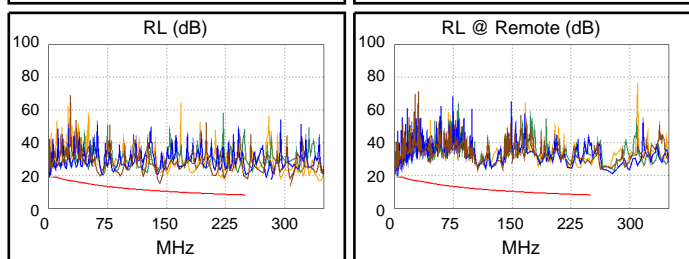
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	1,2-3,6	3,6-1,2
ACR-F (dB)	14.2	14.2	17.2	17.3
Freq. (MHz)	21.1	21.1	250.0	250.0
Limit (dB)	36.8	36.8	15.3	15.3
Worst Pair	3,6	3,6	3,6	1,2
PS ACR-F (dB)	13.5	14.0	18.8	19.5
Freq. (MHz)	36.3	36.3	246.5	250.0
Limit (dB)	29.1	29.1	12.4	12.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	4,5-7,8
ACR-N (dB)	9.6	13.8	22.6	39.4
Freq. (MHz)	15.1	5.9	246.5	240.0
Limit (dB)	45.6	55.3	-2.4	-1.7
Worst Pair	3,6	3,6	3,6	4,5
PS ACR-N (dB)	10.1	14.0	24.2	37.8
Freq. (MHz)	7.3	5.9	246.5	225.5
Limit (dB)	50.7	52.8	-5.4	-3.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	7,8	3,6
RL (dB)	4.6	5.3	4.7	11.8
Freq. (MHz)	9.0	5.1	141.5	107.0
Limit (dB)	19.0	19.0	10.5	11.7



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		



Cable ID: CAT6/UTP/BK/15M-5

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:15:29 AM

Headroom 6.4 dB (NEXT 3,6-7,8)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

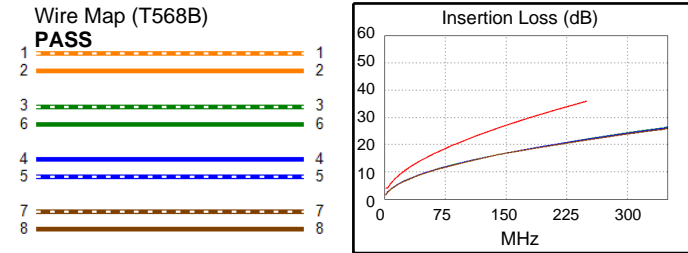
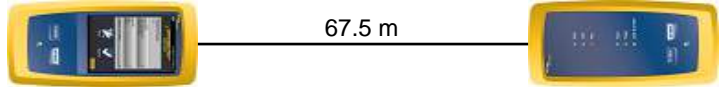
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

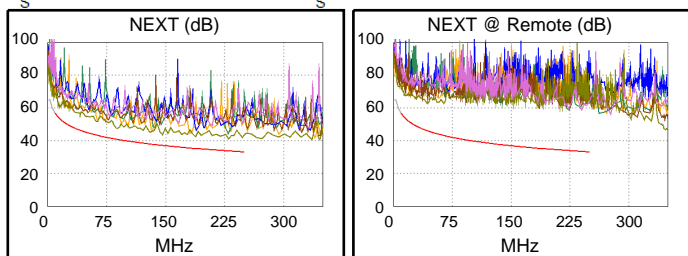
S/N: 5392125

Length (m), Limit 100.0	[Pair 3,6]	67.5
Prop. Delay (ns), Limit 555	[Pair 4,5]	331
Delay Skew (ns), Limit 50	[Pair 1,2]	1
Resistance (ohms), Limit 25.00	[Pair 3,6]	11.17
Insertion Loss Margin (dB)	[Pair 3,6]	13.9
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

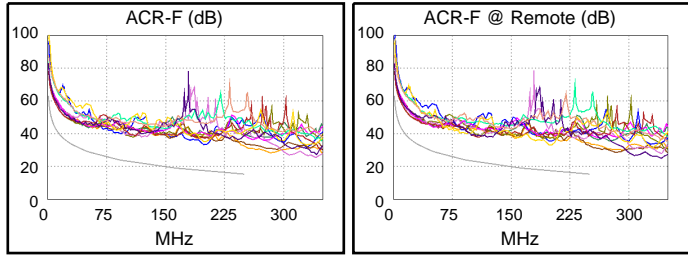


Worst Case Margin Worst Case Value

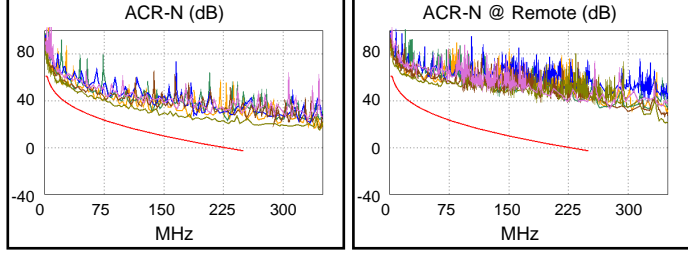
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	1,2-4,5
NEXT (dB)	6.4	13.2	7.4	24.9
Freq. (MHz)	145.5	13.6	230.0	224.0
Limit (dB)	37.2	54.4	33.7	33.9
Worst Pair	3,6	3,6	3,6	4,5
PS NEXT (dB)	7.2	13.7	9.1	24.6
Freq. (MHz)	132.5	13.6	231.5	225.5
Limit (dB)	35.0	51.8	30.7	30.9



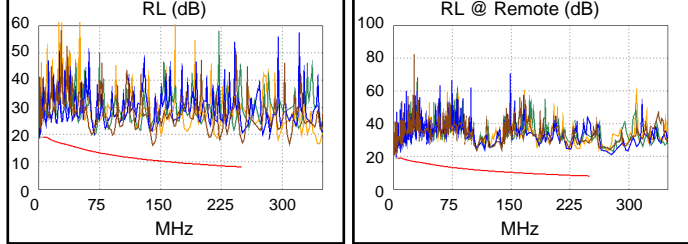
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	1,2-3,6	3,6-1,2
ACR-F (dB)	13.8	13.8	17.0	17.1
Freq. (MHz)	21.1	21.1	250.0	250.0
Limit (dB)	36.8	36.8	15.3	15.3
Worst Pair	3,6	3,6	3,6	1,2
PS ACR-F (dB)	13.4	13.9	18.9	17.3
Freq. (MHz)	22.0	22.5	250.0	203.5
Limit (dB)	33.4	33.2	12.3	14.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	4,5-7,8
ACR-N (dB)	9.5	13.9	22.5	39.4
Freq. (MHz)	15.3	5.9	246.5	240.0
Limit (dB)	45.5	55.3	-2.4	-1.7
Worst Pair	3,6	3,6	3,6	4,5
PS ACR-N (dB)	10.1	14.1	22.4	37.8
Freq. (MHz)	7.5	5.9	231.5	225.5
Limit (dB)	50.4	52.8	-3.7	-3.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	7,8	3,6
RL (dB)	4.6	5.4	4.8	11.8
Freq. (MHz)	9.0	5.1	141.5	107.0
Limit (dB)	19.0	19.0	10.5	11.7



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



Cable ID: CAT6/UTP/BK/15M-6

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:15:49 AM

Headroom 6.5 dB (NEXT 3,6-7,8)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

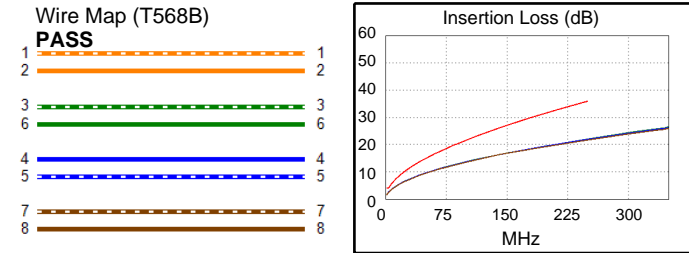
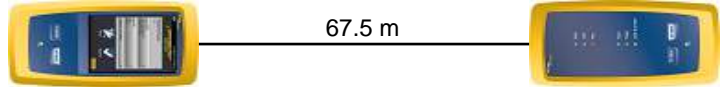
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

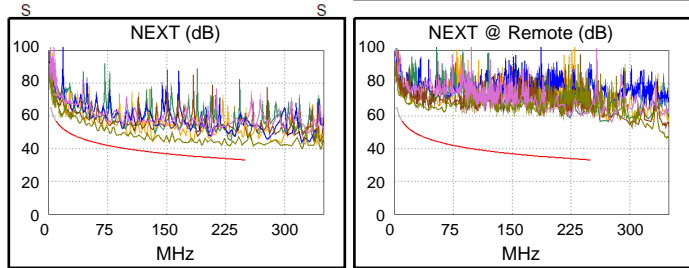
S/N: 5392125

Length (m), Limit 100.0	[Pair 3,6]	67.5
Prop. Delay (ns), Limit 555	[Pair 4,5]	331
Delay Skew (ns), Limit 50	[Pair 1,2]	1
Resistance (ohms), Limit 25.00	[Pair 3,6]	11.16
Insertion Loss Margin (dB)	[Pair 3,6]	13.9
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

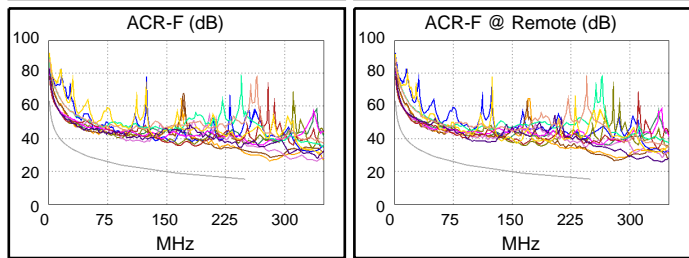


Worst Case Margin Worst Case Value

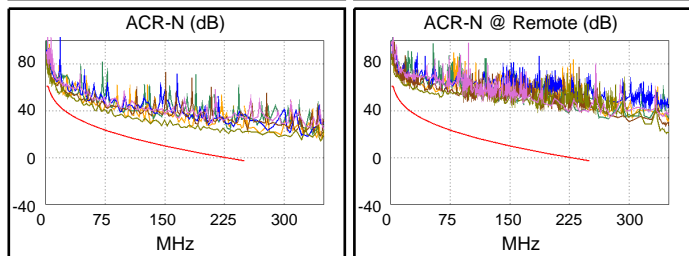
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	4,5-7,8
NEXT (dB)	6.5	13.7	7.4	25.2
Freq. (MHz)	145.5	15.6	229.5	240.0
Limit (dB)	37.2	53.4	33.8	33.4
Worst Pair	3,6	3,6	7,8	4,5
PS NEXT (dB)	6.2	13.9	9.5	24.5
Freq. (MHz)	132.5	15.5	228.5	225.5
Limit (dB)	35.0	50.8	30.8	30.9



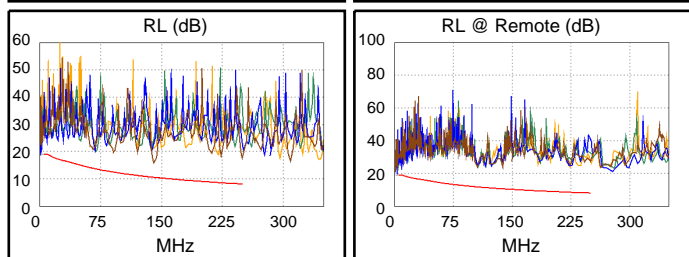
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-1,2	1,2-3,6	3,6-1,2
ACR-F (dB)	14.3	14.3	15.9	16.0
Freq. (MHz)	34.5	34.3	250.0	250.0
Limit (dB)	32.5	32.6	15.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	14.0	14.5	17.4	18.0
Freq. (MHz)	36.3	28.1	250.0	250.0
Limit (dB)	29.1	31.3	12.3	12.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	4,5-7,8
ACR-N (dB)	9.5	13.7	21.0	39.2
Freq. (MHz)	15.3	5.9	229.5	240.0
Limit (dB)	45.5	55.3	-0.5	-1.7
Worst Pair	3,6	3,6	3,6	4,5
PS ACR-N (dB)	9.9	14.0	24.4	37.7
Freq. (MHz)	7.5	5.9	246.5	225.5
Limit (dB)	50.4	52.8	-5.4	-3.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	7,8	3,6
RL (dB)	4.6	5.4	4.7	11.8
Freq. (MHz)	8.9	5.1	141.5	107.0
Limit (dB)	19.0	19.0	10.5	11.7



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



Cable ID: CAT6/UTP/BK/70M-1

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:18:36 AM

Headroom 7.0 dB (NEXT 1,2-7,8)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

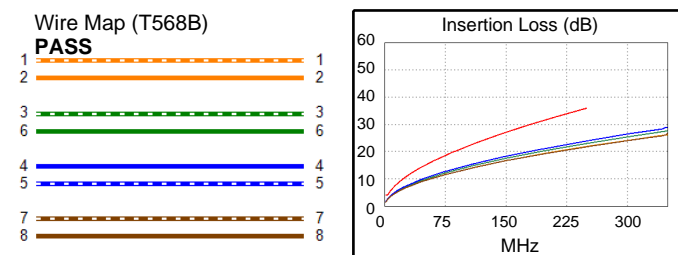
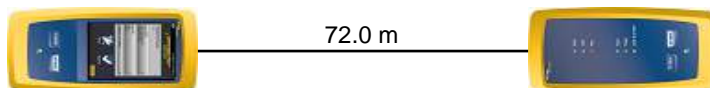
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

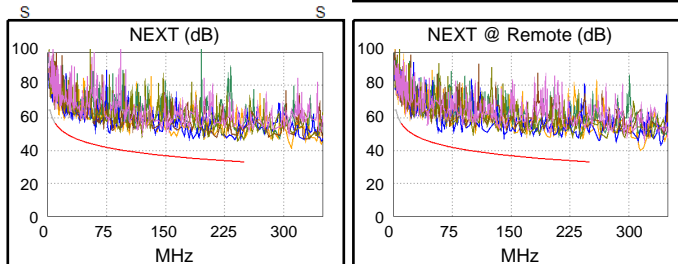
S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	72.0
Prop. Delay (ns), Limit 555	[Pair 4,5]	371
Delay Skew (ns), Limit 50	[Pair 4,5]	19
Resistance (ohms), Limit 25.00	[Pair 4,5]	11.48
Insertion Loss Margin (dB)	[Pair 4,5]	12.0
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

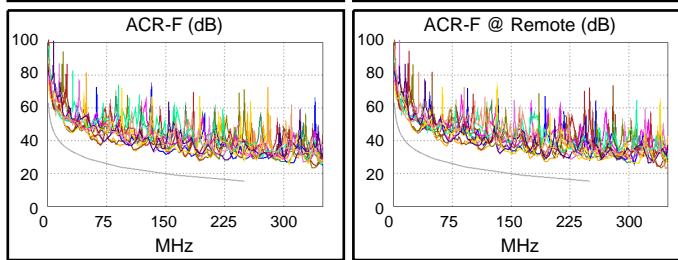


Worst Case Margin Worst Case Value

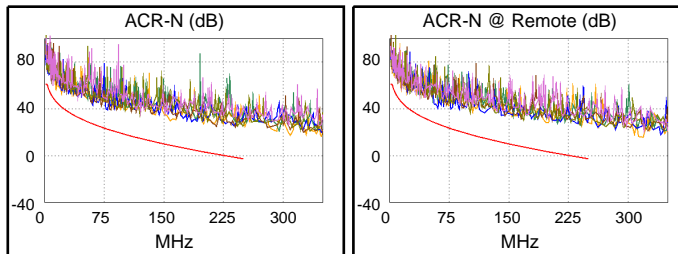
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-7,8	1,2-7,8	3,6-7,8
NEXT (dB)	7.5	7.0	12.1	14.1
Freq. (MHz)	14.4	60.5	233.0	239.0
Limit (dB)	54.0	43.6	33.6	33.5
Worst Pair	3,6	1,2	3,6	1,2
PS NEXT (dB)	8.5	8.0	13.0	13.9
Freq. (MHz)	14.5	60.8	242.0	205.0
Limit (dB)	51.3	40.8	30.4	31.7



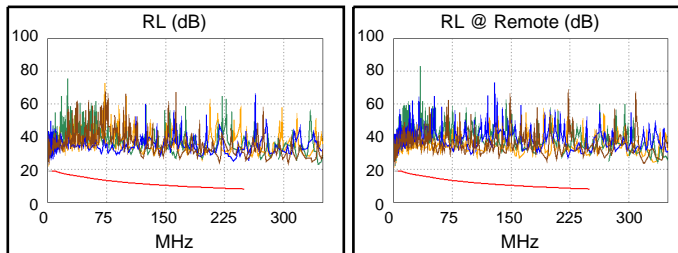
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	7,8-3,6	1,2-3,6
ACR-F (dB)	10.0	9.6	10.8	9.6
Freq. (MHz)	193.0	194.0	227.0	194.0
Limit (dB)	17.5	17.5	16.1	17.5
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	10.7	9.6	10.7	9.7
Freq. (MHz)	193.0	195.0	193.0	196.0
Limit (dB)	14.5	14.5	14.5	14.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-4,5	1,2-3,6
ACR-N (dB)	10.2	10.5	25.1	27.2
Freq. (MHz)	14.4	14.6	239.0	241.5
Limit (dB)	46.1	45.9	-1.6	-1.9
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	11.2	11.8	25.8	28.5
Freq. (MHz)	14.5	14.6	242.0	241.0
Limit (dB)	43.4	43.3	-4.9	-4.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	1,2	7,8	7,8
RL (dB)	10.1	12.1	15.7	16.2
Freq. (MHz)	4.6	7.6	218.5	195.5
Limit (dB)	19.0	19.0	8.6	9.1



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		



Cable ID: CAT6/UTP/BK/70M-2

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:19:20 AM

Headroom 4.7 dB (NEXT 1,2-3,6)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

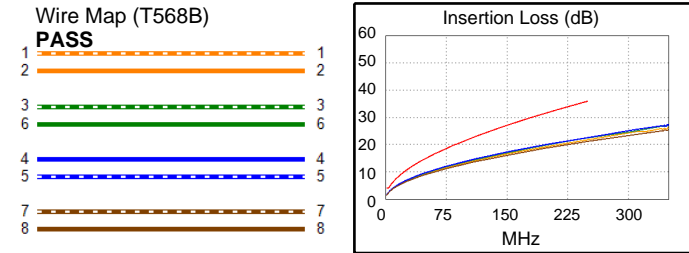
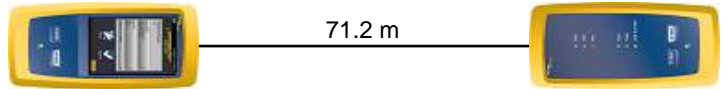
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

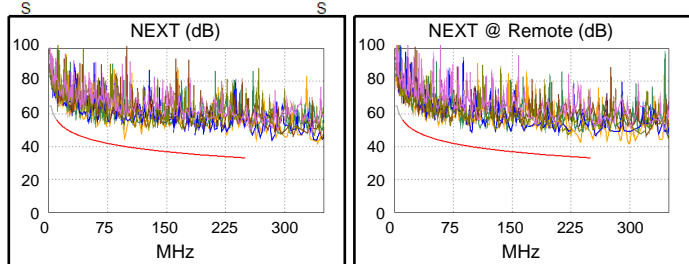
S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	71.2
Prop. Delay (ns), Limit 555	[Pair 4,5]	366
Delay Skew (ns), Limit 50	[Pair 4,5]	18
Resistance (ohms), Limit 25.00	[Pair 4,5]	10.72
Insertion Loss Margin (dB)	[Pair 4,5]	13.2
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

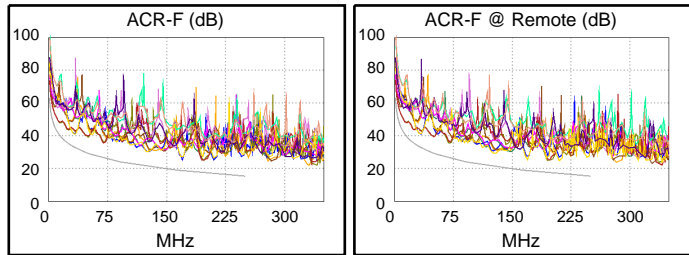


Worst Case Margin Worst Case Value

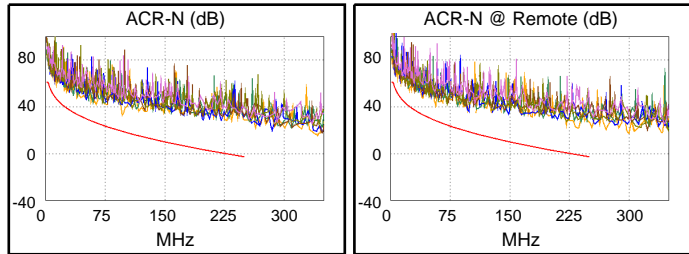
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	4.7	6.9	4.7	9.3
Freq. (MHz)	96.8	56.8	96.8	237.5
Limit (dB)	40.2	44.1	40.2	33.5
Worst Pair	3,6	1,2	3,6	3,6
PS NEXT (dB)	7.1	8.4	7.1	11.5
Freq. (MHz)	96.8	40.0	96.8	237.5
Limit (dB)	37.3	43.9	37.3	30.5



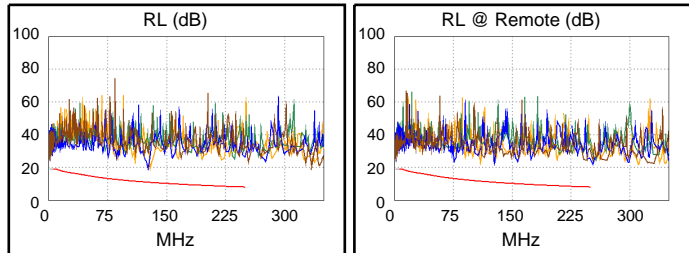
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	7,8-1,2	3,6-4,5	7,8-1,2
ACR-F (dB)	6.7	6.2	7.4	7.9
Freq. (MHz)	170.0	170.0	197.0	210.0
Limit (dB)	18.6	18.6	17.4	16.8
Worst Pair	1,2	1,2	3,6	1,2
PS ACR-F (dB)	9.1	8.6	9.4	10.2
Freq. (MHz)	127.0	170.5	195.5	210.0
Limit (dB)	18.2	15.6	14.4	13.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-N (dB)	12.3	12.1	26.3	22.4
Freq. (MHz)	13.5	40.0	226.5	237.0
Limit (dB)	46.8	33.3	-0.1	-1.4
Worst Pair	7,8	3,6	1,2	3,6
PS ACR-N (dB)	13.2	13.4	27.9	24.7
Freq. (MHz)	5.6	9.0	226.5	237.5
Limit (dB)	53.2	48.5	-3.1	-4.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	4,5	1,2	1,2
RL (dB)	8.0	10.4	8.0	10.6
Freq. (MHz)	129.5	76.0	129.5	110.0
Limit (dB)	10.9	13.2	10.9	11.6



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: CAT6/UTP/BK/70M-3

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:19:33 AM

Headroom 4.7 dB (NEXT 1,2-3,6)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

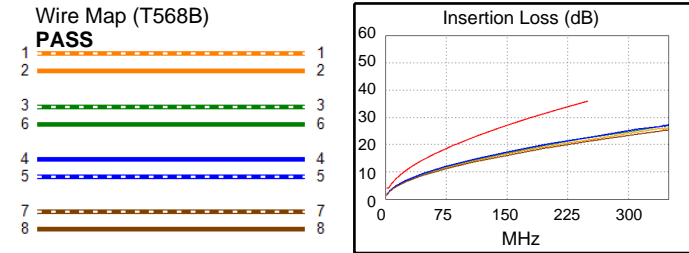
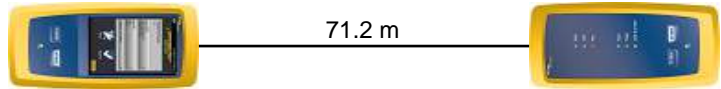
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

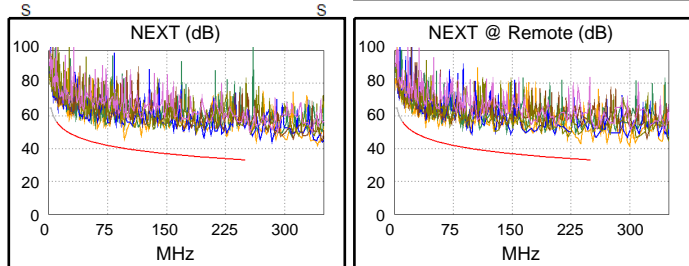
S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	71.2
Prop. Delay (ns), Limit 555	[Pair 4,5]	366
Delay Skew (ns), Limit 50	[Pair 4,5]	18
Resistance (ohms), Limit 25.00	[Pair 4,5]	10.73
Insertion Loss Margin (dB)	[Pair 4,5]	13.1
Frequency (MHz)	[Pair 4,5]	249.5
Limit (dB)	[Pair 4,5]	35.9

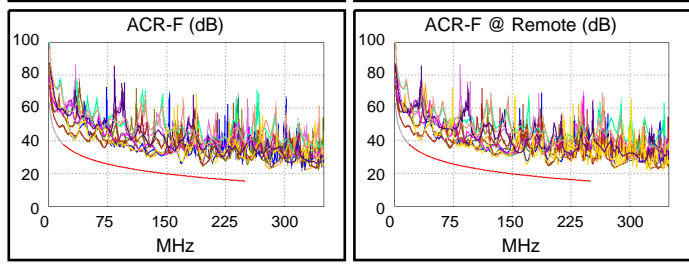


Worst Case Margin Worst Case Value

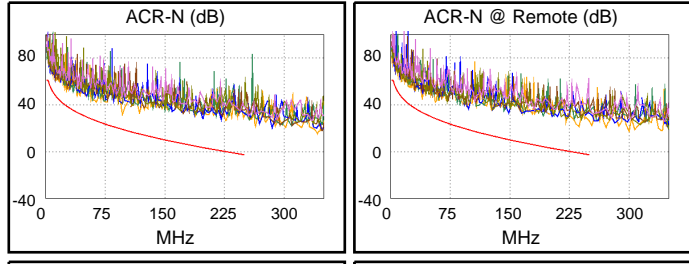
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	4.7	7.0	4.7	9.6
Freq. (MHz)	96.8	56.8	96.8	237.5
Limit (dB)	40.2	44.1	40.2	33.5
Worst Pair	3,6	1,2	3,6	3,6
PS NEXT (dB)	7.0	8.4	7.0	11.7
Freq. (MHz)	96.8	40.0	96.8	237.5
Limit (dB)	37.3	43.9	37.3	30.5



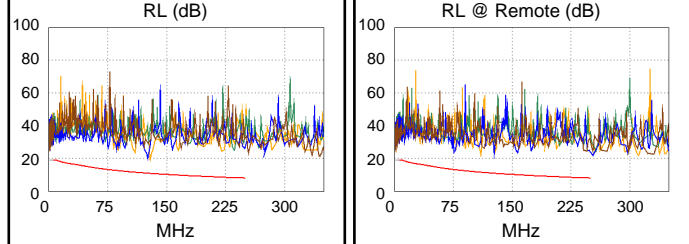
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	7,8-1,2	3,6-4,5	3,6-4,5
ACR-F (dB)	7.1	6.9	7.1	7.3
Freq. (MHz)	196.0	168.5	196.0	196.5
Limit (dB)	17.4	18.7	17.4	17.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	9.2	8.8	9.3	9.1
Freq. (MHz)	7.5	7.3	197.5	196.0
Limit (dB)	42.8	43.1	14.3	14.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-N (dB)	11.9	12.2	26.7	22.8
Freq. (MHz)	13.5	39.8	227.0	237.5
Limit (dB)	46.8	33.4	-0.2	-1.4
Worst Pair	1,2	1,2	1,2	3,6
PS ACR-N (dB)	13.2	13.5	28.1	24.9
Freq. (MHz)	5.5	40.0	226.5	237.5
Limit (dB)	53.4	30.5	-3.1	-4.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	4,5	1,2	4,5
RL (dB)	8.1	10.2	8.1	11.3
Freq. (MHz)	129.5	76.0	129.5	127.5
Limit (dB)	10.9	13.2	10.9	10.9



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



Cable ID: CAT6/UTP/BK/70M-4

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:19:50 AM

Headroom 5.4 dB (NEXT 1,2-3,6)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

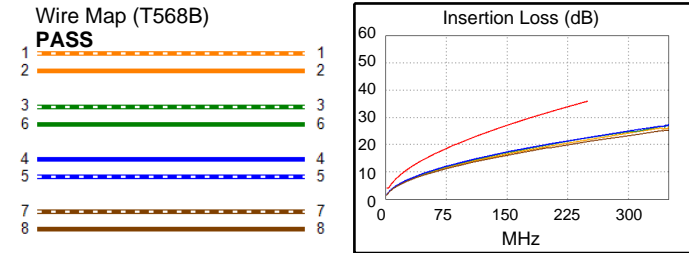
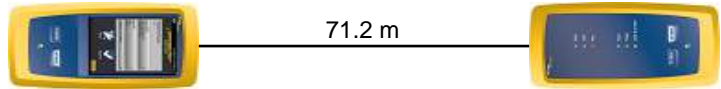
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

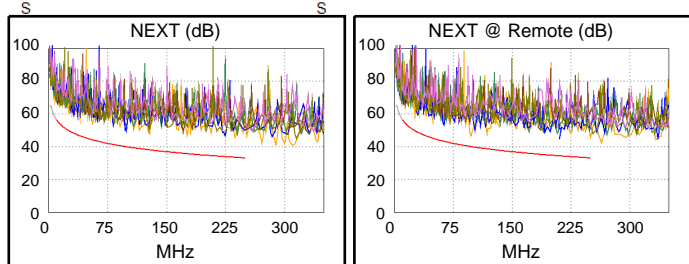
S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	71.2
Prop. Delay (ns), Limit 555	[Pair 4,5]	366
Delay Skew (ns), Limit 50	[Pair 4,5]	18
Resistance (ohms), Limit 25.00	[Pair 4,5]	10.71
Insertion Loss Margin (dB)	[Pair 4,5]	13.3
Frequency (MHz)	[Pair 4,5]	249.5
Limit (dB)	[Pair 4,5]	35.9

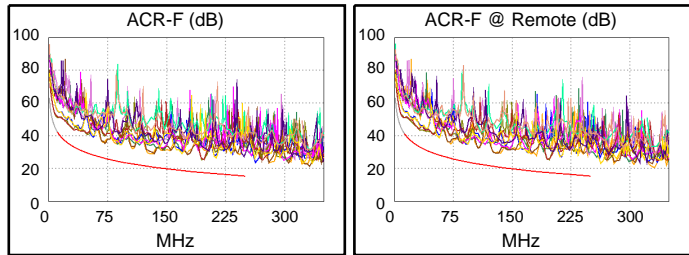


Worst Case Margin Worst Case Value

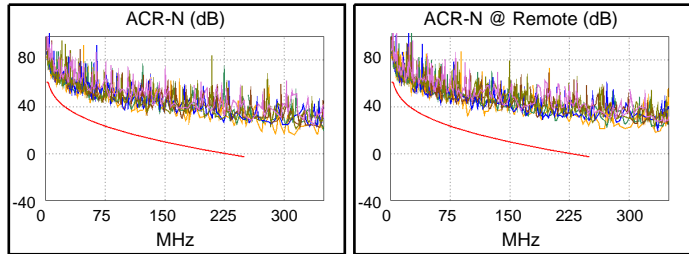
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	9.3	5.4	12.2	5.4
Freq. (MHz)	56.5	96.8	237.0	96.8
Limit (dB)	44.1	40.2	33.5	40.2
Worst Pair	3,6	1,2	7,8	1,2
PS NEXT (dB)	9.8	7.7	13.0	13.3
Freq. (MHz)	128.0	96.8	224.5	250.0
Limit (dB)	35.2	37.3	31.0	30.2



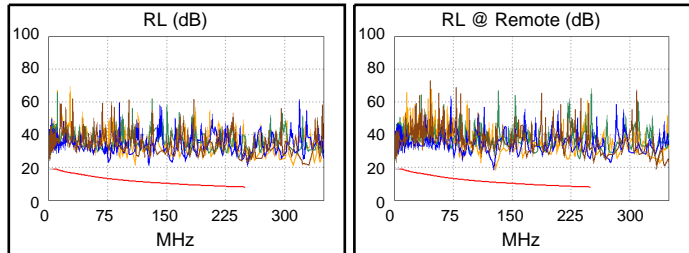
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	4,5-3,6	3,6-4,5
ACR-F (dB)	7.2	7.2	7.2	7.2
Freq. (MHz)	196.5	196.5	196.5	196.5
Limit (dB)	17.4	17.4	17.4	17.4
Worst Pair	3,6	1,2	3,6	3,6
PS ACR-F (dB)	8.7	9.3	8.7	9.3
Freq. (MHz)	196.0	128.5	196.0	196.0
Limit (dB)	14.4	18.1	14.4	14.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-N (dB)	11.1	11.7	25.5	26.3
Freq. (MHz)	6.8	6.8	237.0	250.0
Limit (dB)	54.0	54.0	-1.4	-2.8
Worst Pair	1,2	1,2	3,6	1,2
PS ACR-N (dB)	11.9	11.6	27.0	27.5
Freq. (MHz)	6.8	7.0	237.0	250.0
Limit (dB)	51.4	51.1	-4.3	-5.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	1,2	4,5	1,2
RL (dB)	10.0	7.9	10.8	7.9
Freq. (MHz)	76.0	129.5	127.5	129.5
Limit (dB)	13.2	10.9	10.9	10.9



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



Cable ID: CAT6/UTP/BK/70M-5

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:20:05 AM

Headroom 5.4 dB (NEXT 1,2-3,6)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

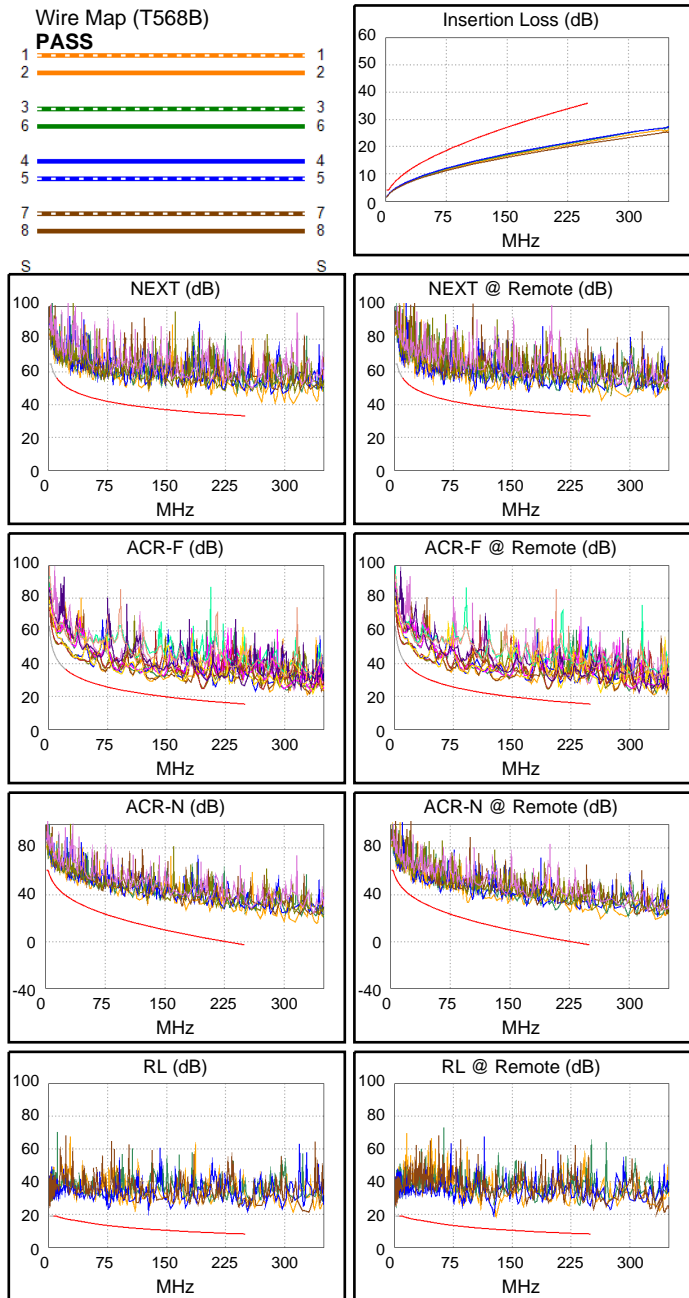
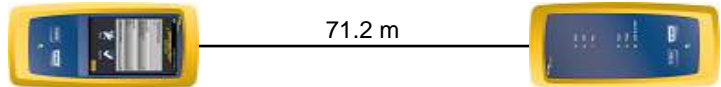
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	71.2
Prop. Delay (ns), Limit 555	[Pair 4,5]	366
Delay Skew (ns), Limit 50	[Pair 4,5]	18
Resistance (ohms), Limit 25.00	[Pair 4,5]	10.74
Insertion Loss Margin (dB)	[Pair 4,5]	13.3
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	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	9.9	5.4	11.6	5.4
Freq. (MHz)	176.5	96.8	237.5	96.8
Limit (dB)	35.7	40.2	33.5	40.2
Worst Pair	3,6	3,6	3,6	1,2
PS NEXT (dB)	9.9	7.5	13.6	13.4
Freq. (MHz)	127.5	96.8	238.5	250.0
Limit (dB)	35.3	37.3	30.5	30.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	4,5-3,6	3,6-4,5
ACR-F (dB)	7.0	7.0	7.0	7.0
Freq. (MHz)	196.0	196.5	196.0	196.5
Limit (dB)	17.4	17.4	17.4	17.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	8.3	9.1	8.3	9.1
Freq. (MHz)	196.0	196.0	196.0	196.0
Limit (dB)	14.4	14.4	14.4	14.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-N (dB)	10.5	11.2	24.8	26.2
Freq. (MHz)	6.8	7.0	238.0	250.0
Limit (dB)	54.0	53.6	-1.5	-2.8
Worst Pair	1,2	1,2	3,6	1,2
PS ACR-N (dB)	11.4	10.9	26.7	27.6
Freq. (MHz)	7.0	9.0	238.5	250.0
Limit (dB)	51.1	48.5	-4.5	-5.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	1,2	4,5	1,2
RL (dB)	10.1	7.6	10.8	7.6
Freq. (MHz)	76.0	129.5	127.5	129.5
Limit (dB)	13.2	10.9	10.9	10.9

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		



Cable ID: CAT6/UTP/BK/20M-1

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:25:36 AM

Headroom 5.1 dB (NEXT 3,6-7,8)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

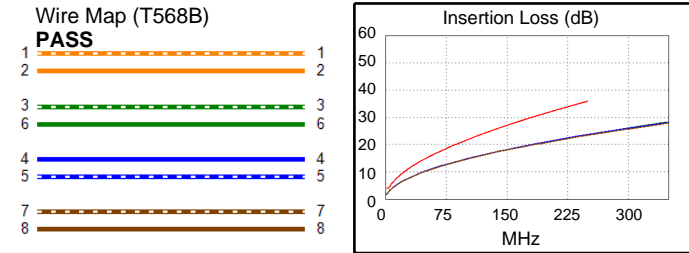
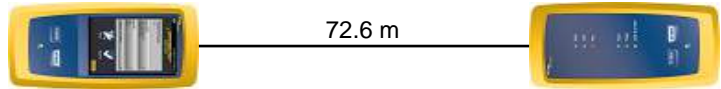
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

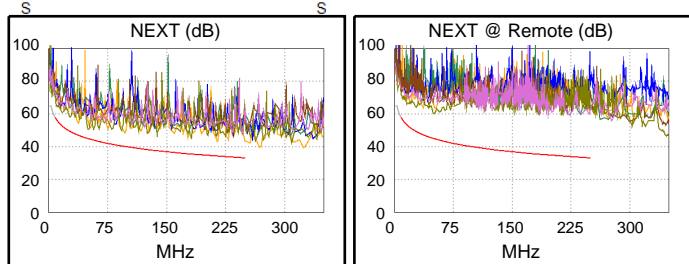
S/N: 5392125

Length (m), Limit 100.0	[Pair 3,6]	72.6
Prop. Delay (ns), Limit 555	[Pair 4,5]	357
Delay Skew (ns), Limit 50	[Pair 4,5]	2
Resistance (ohms), Limit 25.00	[Pair 3,6]	11.95
Insertion Loss Margin (dB)	[Pair 4,5]	12.2
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

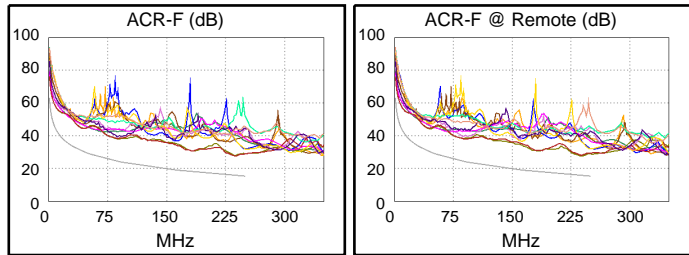


Worst Case Margin Worst Case Value

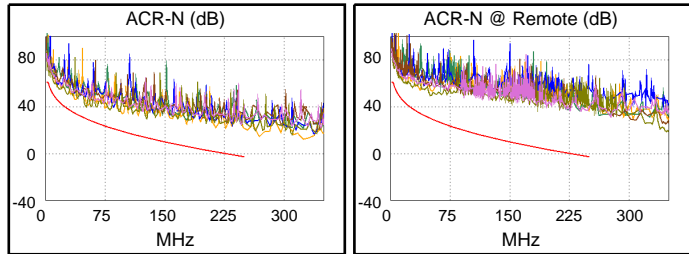
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	1,2-3,6	4,5-7,8
NEXT (dB)	5.1	12.7	9.4	24.9
Freq. (MHz)	50.8	15.6	227.5	240.0
Limit (dB)	44.9	53.4	33.8	33.4
Worst Pair	3,6	3,6	3,6	4,5
PS NEXT (dB)	6.6	13.0	10.2	24.6
Freq. (MHz)	51.3	15.6	214.5	225.5
Limit (dB)	42.1	50.8	31.3	30.9



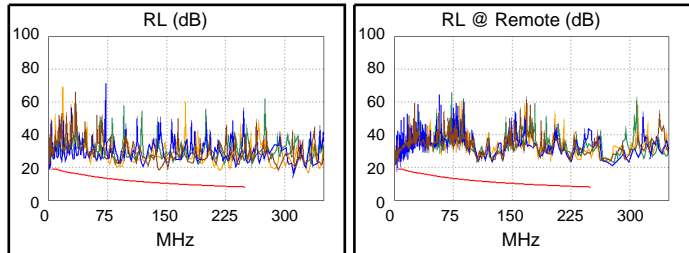
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	4,5-3,6	3,6-4,5
ACR-F (dB)	11.8	11.8	11.8	11.8
Freq. (MHz)	239.5	240.0	239.5	240.0
Limit (dB)	15.7	15.7	15.7	15.7
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	14.2	14.0	14.5	14.5
Freq. (MHz)	87.8	40.3	239.5	237.5
Limit (dB)	21.4	28.2	12.7	12.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	1,2-3,6	4,5-7,8
ACR-N (dB)	9.9	12.8	22.5	37.0
Freq. (MHz)	50.8	4.1	250.0	240.0
Limit (dB)	29.8	58.6	-2.8	-1.7
Worst Pair	3,6	3,6	3,6	4,5
PS ACR-N (dB)	10.9	13.6	24.9	36.1
Freq. (MHz)	3.6	4.1	250.0	225.5
Limit (dB)	57.2	56.1	-5.8	-3.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	1,2	4,5
RL (dB)	5.1	4.4	8.6	4.4
Freq. (MHz)	6.8	7.1	219.0	7.1
Limit (dB)	19.0	19.0	8.6	19.0



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



Cable ID: CAT6/UTP/BK/20M-2

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:26:02 AM

Headroom 6.3 dB (NEXT 3,6-7,8)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

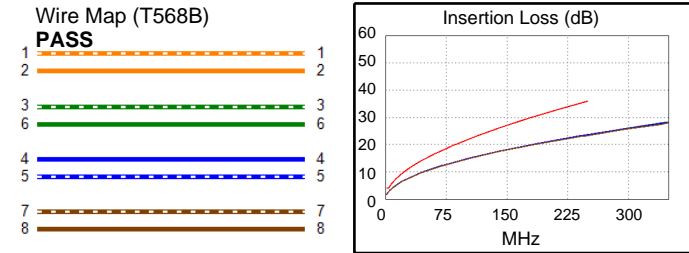
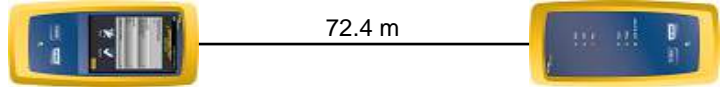
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

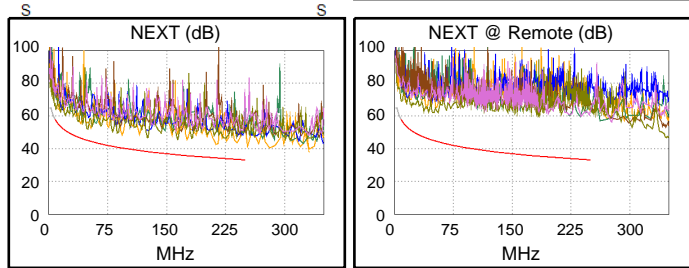
S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	72.4
Prop. Delay (ns), Limit 555	[Pair 4,5]	357
Delay Skew (ns), Limit 50	[Pair 4,5]	3
Resistance (ohms), Limit 25.00	[Pair 3,6]	11.96
Insertion Loss Margin (dB)	[Pair 4,5]	12.2
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

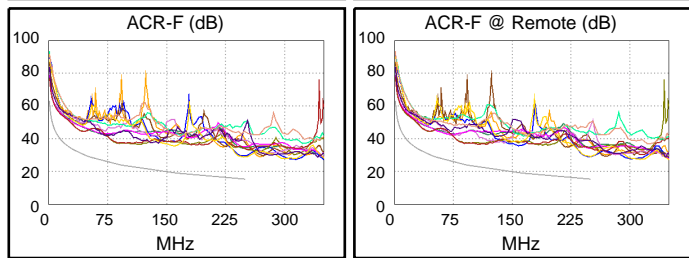


Worst Case Margin Worst Case Value

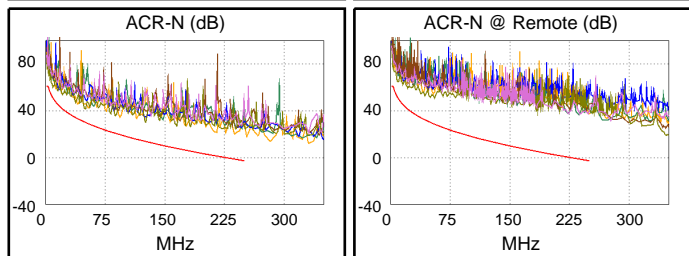
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	1,2-3,6	4,5-7,8
NEXT (dB)	6.3	11.4	7.3	25.1
Freq. (MHz)	49.3	8.1	214.5	240.0
Limit (dB)	45.1	58.0	34.3	33.4
Worst Pair	3,6	7,8	1,2	4,5
PS NEXT (dB)	7.4	13.1	9.4	24.5
Freq. (MHz)	49.3	9.4	214.5	225.5
Limit (dB)	42.4	54.5	31.3	30.9



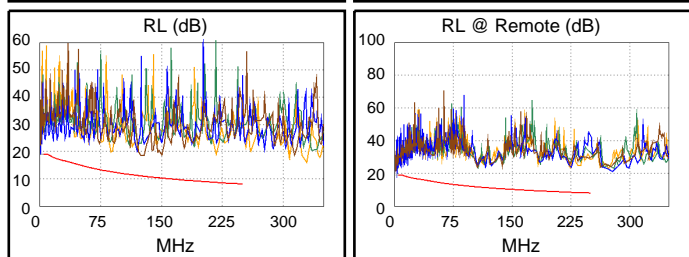
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	7,8-1,2	1,2-7,8
ACR-F (dB)	12.6	12.7	13.5	13.5
Freq. (MHz)	88.5	88.5	249.5	248.5
Limit (dB)	24.3	24.3	15.3	15.4
Worst Pair	4,5	4,5	1,2	1,2
PS ACR-F (dB)	14.5	14.3	15.2	15.4
Freq. (MHz)	40.3	37.5	250.0	250.0
Limit (dB)	28.2	28.8	12.3	12.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	1,2-3,6	4,5-7,8
ACR-N (dB)	9.1	13.1	21.3	37.3
Freq. (MHz)	9.1	8.0	238.5	240.0
Limit (dB)	51.0	52.3	-1.5	-1.7
Worst Pair	7,8	3,6	3,6	4,5
PS ACR-N (dB)	10.8	14.1	21.5	36.0
Freq. (MHz)	9.1	4.1	227.5	225.5
Limit (dB)	48.4	56.1	-3.2	-3.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	7,8	4,5
RL (dB)	4.8	4.6	6.8	12.3
Freq. (MHz)	6.8	7.0	126.5	124.5
Limit (dB)	19.0	19.0	11.0	11.0



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: CAT6/UTP/BK/20M-3

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:26:22 AM

Headroom 4.7 dB (NEXT 1,2-3,6)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

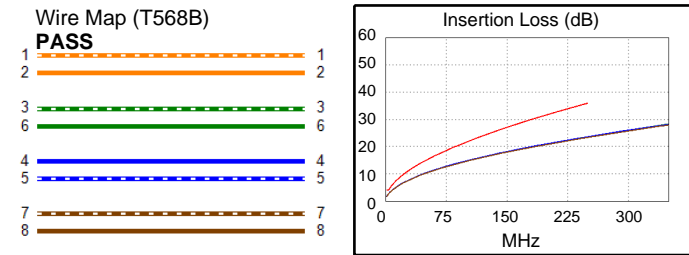
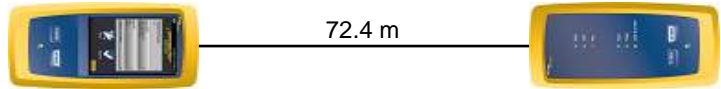
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

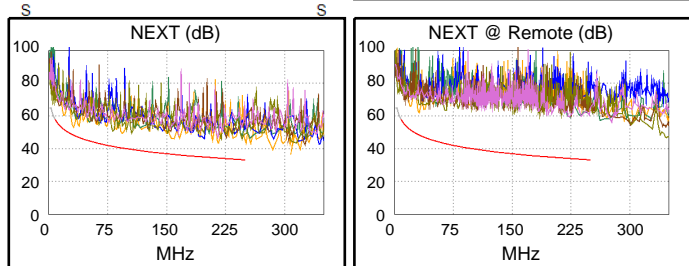
S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	72.4
Prop. Delay (ns), Limit 555	[Pair 4,5]	357
Delay Skew (ns), Limit 50	[Pair 4,5]	3
Resistance (ohms), Limit 25.00	[Pair 3,6]	11.91
Insertion Loss Margin (dB)	[Pair 4,5]	12.2
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

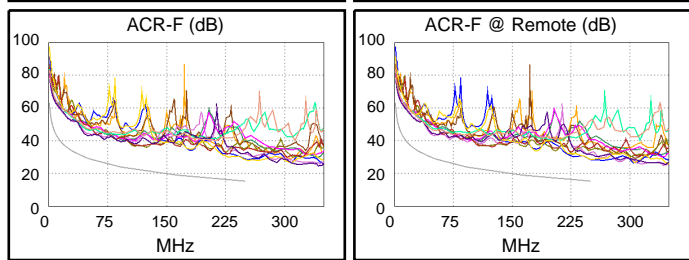


Worst Case Margin Worst Case Value

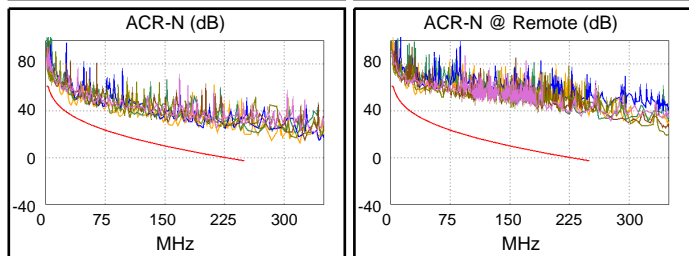
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	4,5-7,8
NEXT (dB)	4.7	13.5	9.2	25.1
Freq. (MHz)	31.5	31.3	216.0	240.0
Limit (dB)	48.4	48.4	34.2	33.4
Worst Pair	1,2	3,6	1,2	4,5
PS NEXT (dB)	7.0	14.8	11.2	24.6
Freq. (MHz)	38.0	31.3	216.0	225.5
Limit (dB)	44.3	45.7	31.3	30.9



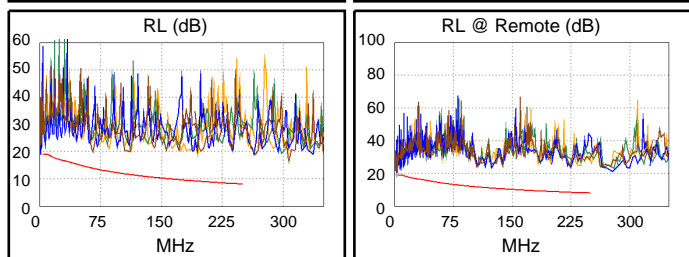
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-1,2	1,2-7,8	7,8-1,2	1,2-7,8
ACR-F (dB)	13.1	13.1	13.1	13.1
Freq. (MHz)	250.0	250.0	250.0	250.0
Limit (dB)	15.3	15.3	15.3	15.3
Worst Pair	7,8	3,6	7,8	7,8
PS ACR-F (dB)	14.5	14.6	14.5	14.7
Freq. (MHz)	250.0	108.0	250.0	250.0
Limit (dB)	12.3	19.6	12.3	12.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-7,8	1,2-3,6	4,5-7,8
ACR-N (dB)	8.4	13.0	23.1	37.3
Freq. (MHz)	31.5	4.3	250.0	240.0
Limit (dB)	36.6	58.3	-2.8	-1.7
Worst Pair	3,6	3,6	3,6	4,5
PS ACR-N (dB)	10.6	14.1	25.1	36.1
Freq. (MHz)	31.5	4.3	250.0	225.5
Limit (dB)	33.9	55.8	-5.8	-3.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	1,2	4,5
RL (dB)	3.7	3.9	9.6	3.9
Freq. (MHz)	6.8	7.1	194.5	7.1
Limit (dB)	19.0	19.0	9.1	19.0



Compliant Network Standards:

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



Cable ID: CAT6/UTP/BK/20M-4

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:26:39 AM

Headroom 5.8 dB (NEXT 1,2-3,6)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

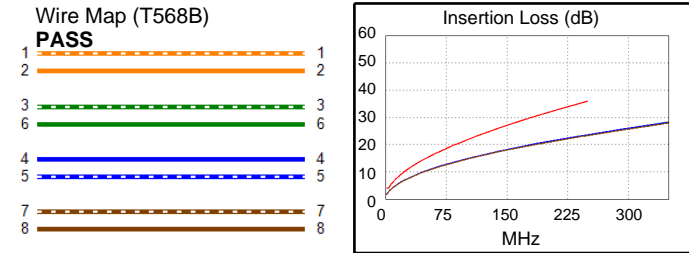
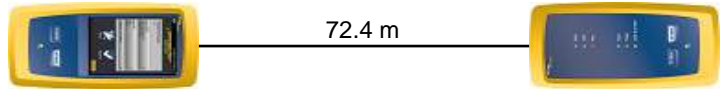
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

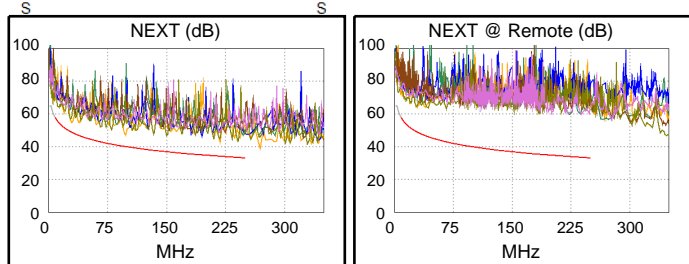
S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	72.4
Prop. Delay (ns), Limit 555	[Pair 4,5]	357
Delay Skew (ns), Limit 50	[Pair 4,5]	3
Resistance (ohms), Limit 25.00	[Pair 3,6]	11.90
Insertion Loss Margin (dB)	[Pair 4,5]	12.2
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

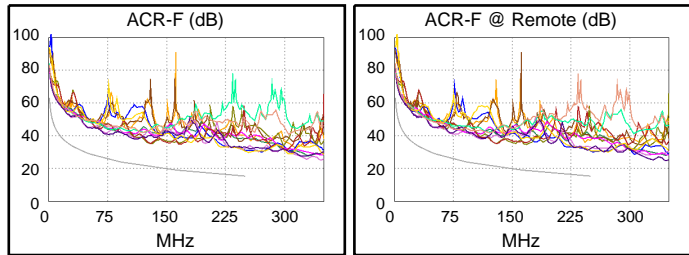


Worst Case Margin Worst Case Value

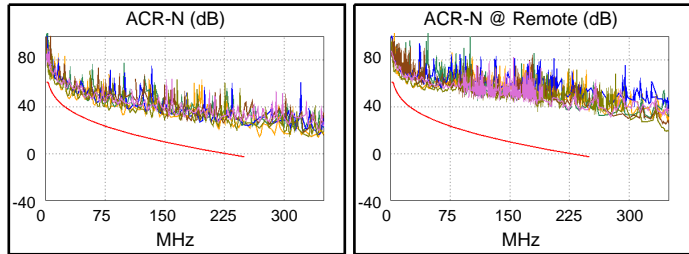
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	4,5-7,8
NEXT (dB)	5.8	14.0	8.7	25.0
Freq. (MHz)	29.4	8.0	218.0	240.0
Limit (dB)	48.9	58.2	34.1	33.4
Worst Pair	3,6	3,6	3,6	4,5
PS NEXT (dB)	6.6	14.0	9.5	24.9
Freq. (MHz)	28.1	19.8	218.0	225.5
Limit (dB)	46.5	49.1	31.2	30.9



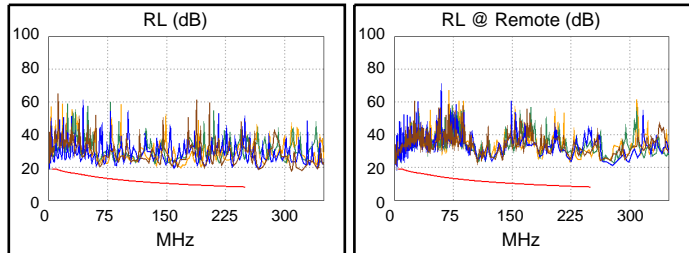
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	7,8-1,2	1,2-7,8
ACR-F (dB)	14.1	14.0	15.1	15.2
Freq. (MHz)	129.5	129.5	250.0	250.0
Limit (dB)	21.0	21.0	15.3	15.3
Worst Pair	3,6	4,5	7,8	7,8
PS ACR-F (dB)	15.8	15.5	16.2	16.3
Freq. (MHz)	128.5	129.5	249.5	250.0
Limit (dB)	18.1	18.0	12.3	12.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	4,5-7,8
ACR-N (dB)	8.3	12.0	22.2	37.2
Freq. (MHz)	5.4	4.3	240.5	240.0
Limit (dB)	56.1	58.3	-1.8	-1.7
Worst Pair	7,8	3,6	3,6	4,5
PS ACR-N (dB)	10.0	13.3	23.6	36.4
Freq. (MHz)	5.4	4.0	241.5	225.5
Limit (dB)	53.6	56.4	-4.8	-3.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	4,5
RL (dB)	3.5	4.0	9.5	4.0
Freq. (MHz)	6.8	7.1	160.0	7.1
Limit (dB)	19.0	19.0	10.0	19.0



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



Cable ID: CAT6/UTP/BK/20M-5

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:26:52 AM

Headroom 5.8 dB (NEXT 1,2-3,6)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

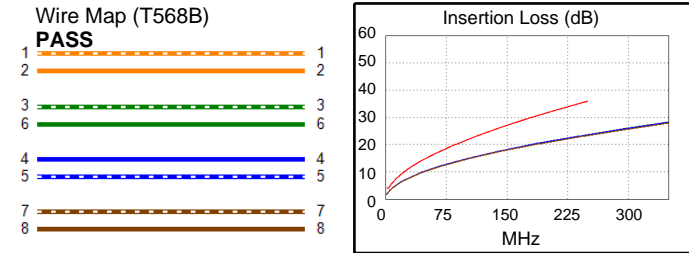
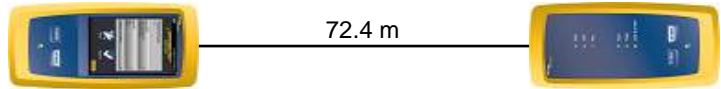
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

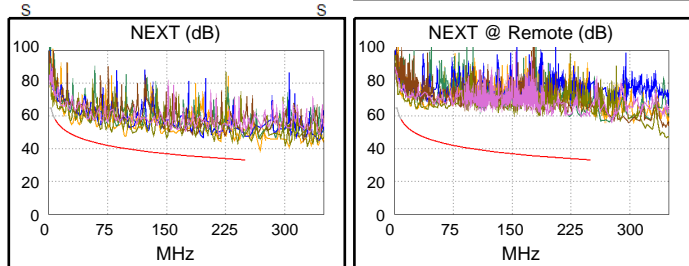
S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	72.4
Prop. Delay (ns), Limit 555	[Pair 4,5]	357
Delay Skew (ns), Limit 50	[Pair 4,5]	3
Resistance (ohms), Limit 25.00	[Pair 3,6]	11.90
Insertion Loss Margin (dB)	[Pair 4,5]	12.2
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

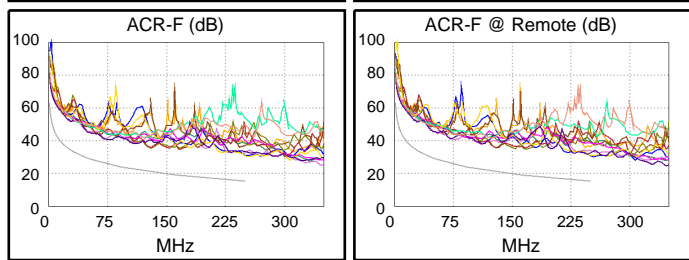


Worst Case Margin Worst Case Value

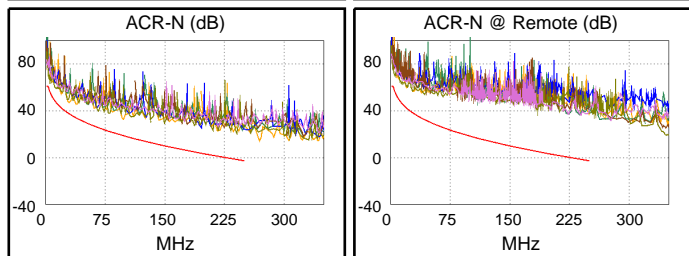
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	4,5-7,8
NEXT (dB)	5.8	14.1	9.1	25.0
Freq. (MHz)	29.4	19.8	218.0	240.0
Limit (dB)	48.9	51.7	34.1	33.4
Worst Pair	3,6	3,6	3,6	4,5
PS NEXT (dB)	6.8	14.1	9.8	24.9
Freq. (MHz)	29.0	19.8	218.0	225.5
Limit (dB)	46.3	49.1	31.2	30.9



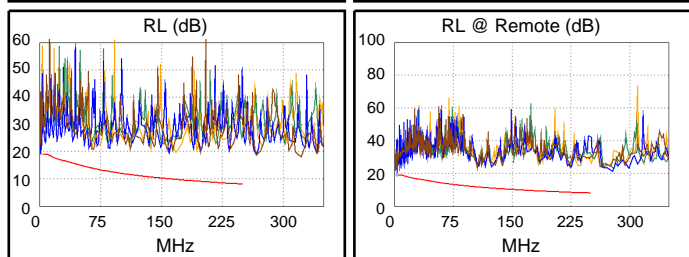
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	7,8-1,2	1,2-7,8
ACR-F (dB)	14.6	14.5	15.3	15.4
Freq. (MHz)	130.0	129.5	250.0	250.0
Limit (dB)	21.0	21.0	15.3	15.3
Worst Pair	3,6	4,5	7,8	7,8
PS ACR-F (dB)	15.5	15.8	16.5	16.6
Freq. (MHz)	70.0	129.5	249.5	250.0
Limit (dB)	23.4	18.0	12.3	12.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	4,5-7,8
ACR-N (dB)	8.3	12.0	22.5	37.2
Freq. (MHz)	5.4	4.3	241.0	240.0
Limit (dB)	56.1	58.3	-1.8	-1.7
Worst Pair	7,8	3,6	3,6	4,5
PS ACR-N (dB)	9.9	13.5	23.6	36.4
Freq. (MHz)	5.4	4.0	241.0	225.5
Limit (dB)	53.6	56.4	-4.8	-3.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	4,5
RL (dB)	3.6	4.1	9.5	4.1
Freq. (MHz)	6.8	7.0	160.0	7.0
Limit (dB)	19.0	19.0	10.0	19.0



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: CAT6/UTP/BK/30M-1

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:29:28 AM

Headroom 8.5 dB (NEXT 1,2-3,6)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

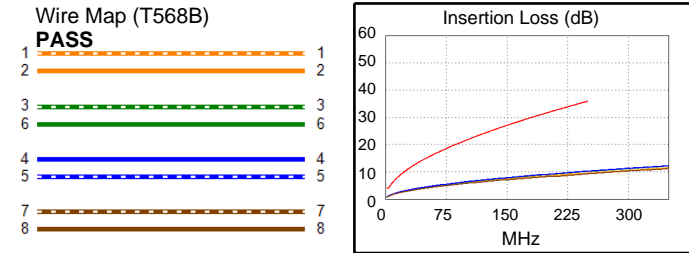
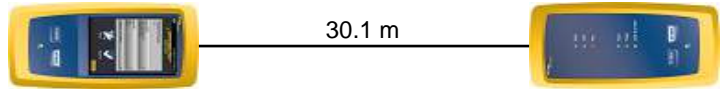
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

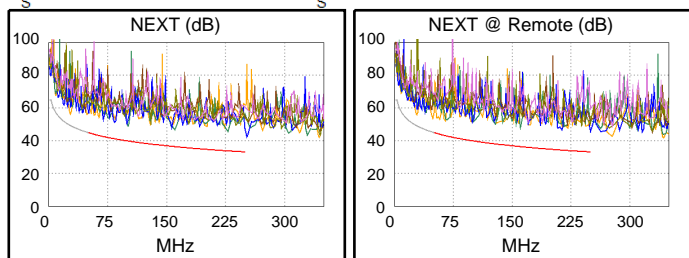
Adapter: DSX-8000R (DSX-CHA004)

S/N: 5392125

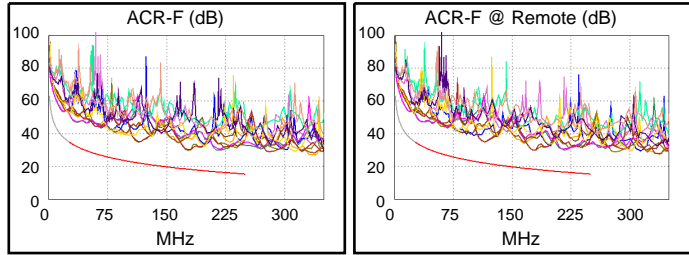
Length (m), Limit 100.0	[Pair 7,8]	30.1
Prop. Delay (ns), Limit 555	[Pair 4,5]	154
Delay Skew (ns), Limit 50	[Pair 4,5]	7
Resistance (ohms), Limit 25.00	[Pair 4,5]	5.32
Insertion Loss Margin (dB)	[Pair 4,5]	25.7
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9



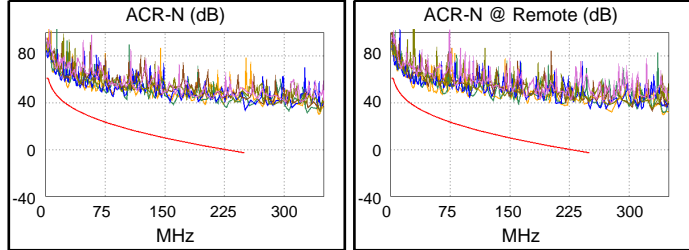
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-3,6	1,2-7,8	1,2-7,8
NEXT (dB)	9.0	8.5	12.2	12.6
Freq. (MHz)	101.0	64.3	250.0	250.0
Limit (dB)	39.9	43.2	33.1	33.1
Worst Pair	1,2	1,2	1,2	1,2
PS NEXT (dB)	8.9	9.4	13.0	13.8
Freq. (MHz)	100.5	100.5	226.5	250.0
Limit (dB)	37.0	37.0	30.9	30.2



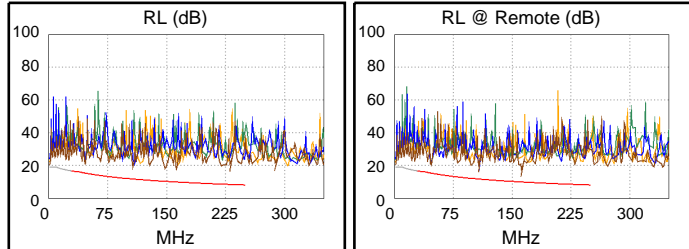
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	11.4	11.5	11.5	11.6
Freq. (MHz)	177.5	177.5	179.5	178.5
Limit (dB)	18.3	18.3	18.2	18.2
Worst Pair	4,5	3,6	4,5	4,5
PS ACR-F (dB)	13.9	13.7	14.7	14.8
Freq. (MHz)	177.5	177.5	216.5	221.0
Limit (dB)	15.3	15.3	13.5	13.4



	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-4,5	1,2-7,8
ACR-N (dB)	14.8	14.5	36.3	39.4
Freq. (MHz)	27.5	28.1	228.0	250.0
Limit (dB)	38.4	38.1	-0.3	-2.8
Worst Pair	1,2	1,2	1,2	1,2
PS ACR-N (dB)	14.7	14.6	38.0	40.3
Freq. (MHz)	8.9	8.6	226.5	250.0
Limit (dB)	48.7	49.0	-3.1	-5.8



	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	5.7	5.3	7.8	6.7
Freq. (MHz)	46.5	46.8	163.0	162.5
Limit (dB)	15.3	15.3	9.9	9.9



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



Cable ID: CAT6/UTP/BK/30M-2

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:29:53 AM

Headroom 8.2 dB (NEXT 1,2-4,5)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

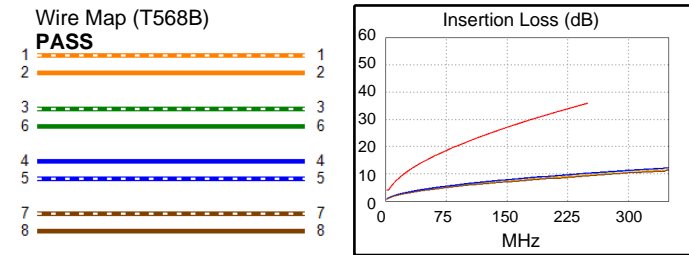
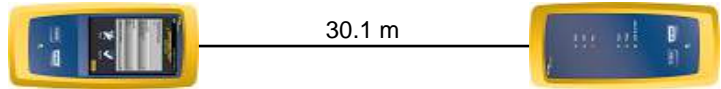
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

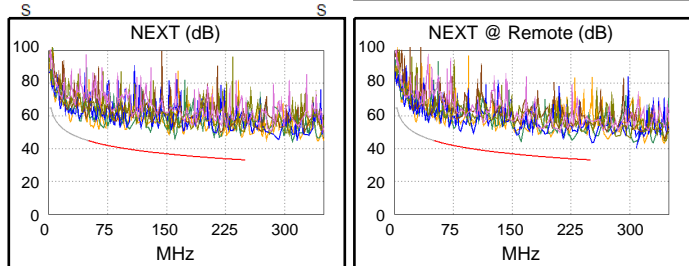
S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	30.1
Prop. Delay (ns), Limit 555	[Pair 4,5]	154
Delay Skew (ns), Limit 50	[Pair 4,5]	7
Resistance (ohms), Limit 25.00	[Pair 3,6]	5.28
Insertion Loss Margin (dB)	[Pair 4,5]	25.7
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

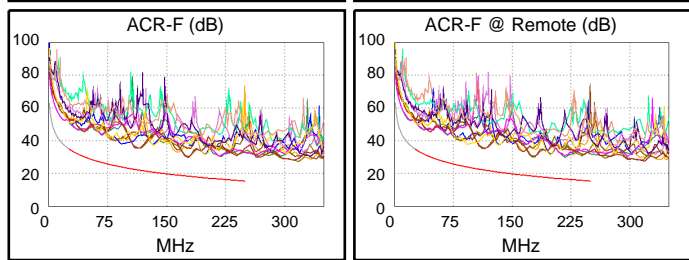


Worst Case Margin Worst Case Value

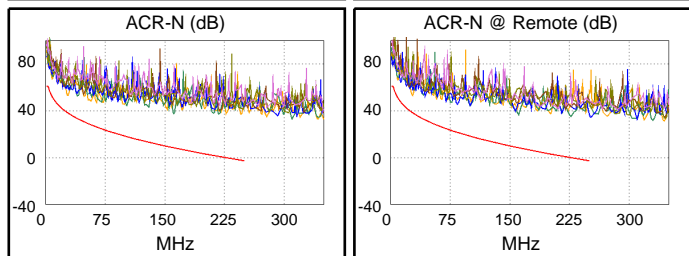
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-4,5	1,2-4,5	1,2-4,5
NEXT (dB)	8.9	8.2	9.3	8.2
Freq. (MHz)	64.0	161.5	161.0	161.5
Limit (dB)	43.2	36.4	36.4	36.4
Worst Pair	1,2	1,2	1,2	1,2
PS NEXT (dB)	10.0	9.2	13.3	12.2
Freq. (MHz)	71.3	101.0	219.0	227.0
Limit (dB)	39.6	37.0	31.2	30.9



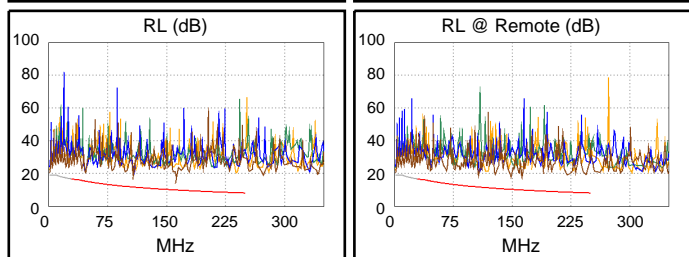
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	4,5-3,6	3,6-4,5
ACR-F (dB)	11.5	11.4	11.5	11.4
Freq. (MHz)	177.5	177.5	177.5	177.5
Limit (dB)	18.3	18.3	18.3	18.3
Worst Pair	3,6	3,6	3,6	4,5
PS ACR-F (dB)	13.3	13.7	13.3	15.0
Freq. (MHz)	177.5	177.0	177.5	217.5
Limit (dB)	15.3	15.3	15.3	13.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-4,5
ACR-N (dB)	14.9	14.6	39.5	35.2
Freq. (MHz)	27.5	27.5	246.0	228.0
Limit (dB)	38.4	38.4	-2.4	-0.3
Worst Pair	1,2	1,2	4,5	1,2
PS ACR-N (dB)	15.0	15.1	37.3	37.3
Freq. (MHz)	8.1	8.6	219.0	227.0
Limit (dB)	49.6	49.0	-2.2	-3.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	5.1	5.3	7.2	8.8
Freq. (MHz)	47.0	46.5	162.5	224.5
Limit (dB)	15.3	15.3	9.9	8.5



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: CAT6/UTP/BK/30M-3

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:30:44 AM

Headroom 7.5 dB (NEXT 1,2-7,8)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

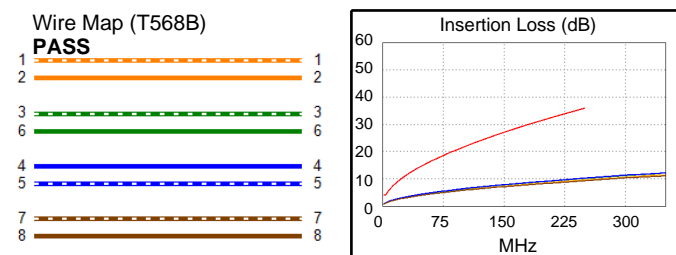
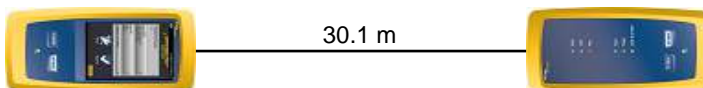
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

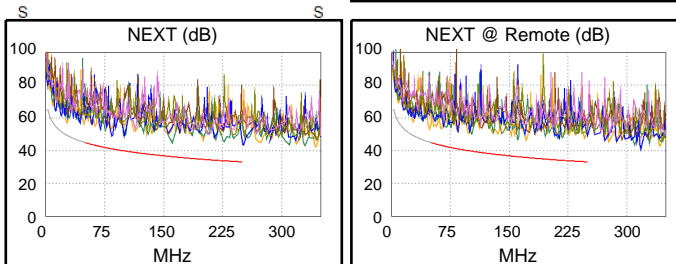
S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	30.1
Prop. Delay (ns), Limit 555	[Pair 4,5]	154
Delay Skew (ns), Limit 50	[Pair 4,5]	7
Resistance (ohms), Limit 25.00	[Pair 3,6]	5.28
Insertion Loss Margin (dB)	[Pair 4,5]	25.7
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

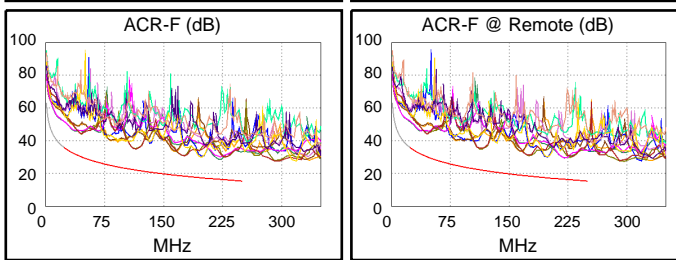


Worst Case Margin Worst Case Value

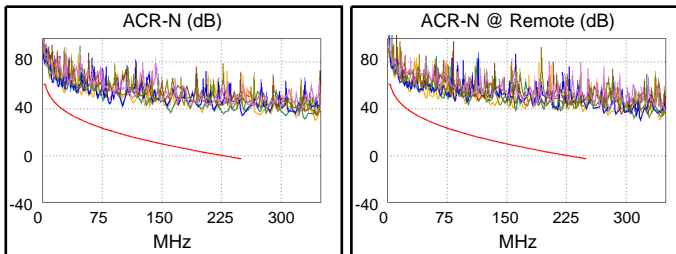
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-3,6	1,2-4,5	1,2-3,6
NEXT (dB)	7.5	8.0	8.2	10.5
Freq. (MHz)	84.5	48.8	161.5	171.5
Limit (dB)	41.2	45.2	36.4	35.9
Worst Pair	1,2	1,2	1,2	1,2
PS NEXT (dB)	8.3	9.6	11.9	12.4
Freq. (MHz)	101.0	100.5	201.0	213.5
Limit (dB)	37.0	37.0	31.8	31.4



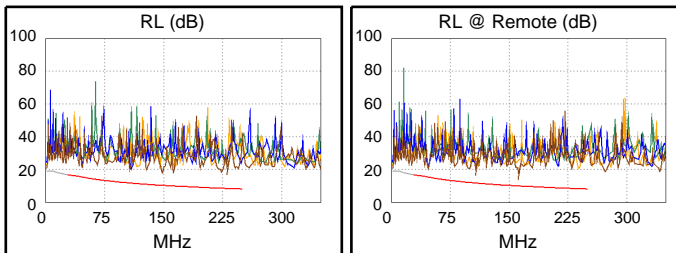
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	3,6-4,5	1,2-4,5	1,2-4,5
ACR-F (dB)	12.2	12.3	12.3	13.0
Freq. (MHz)	221.0	175.5	222.0	223.0
Limit (dB)	16.4	18.4	16.3	16.3
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	13.6	13.8	13.7	13.8
Freq. (MHz)	224.0	224.0	225.0	224.0
Limit (dB)	13.3	13.3	13.2	13.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-3,6	1,2-4,5	1,2-3,6
ACR-N (dB)	14.7	15.6	35.9	39.9
Freq. (MHz)	13.0	8.5	227.5	246.0
Limit (dB)	47.2	51.7	-0.3	-2.4
Worst Pair	1,2	1,2	4,5	1,2
PS ACR-N (dB)	15.0	15.5	38.0	36.5
Freq. (MHz)	8.9	8.6	227.5	213.5
Limit (dB)	48.7	49.0	-3.2	-1.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	5.8	5.2	9.4	7.1
Freq. (MHz)	46.5	46.8	224.5	162.5
Limit (dB)	15.3	15.3	8.5	9.9



Compliant Network Standards:

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



Cable ID: CAT6/UTP/BK/30M-4

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:31:01 AM

Headroom 7.5 dB (NEXT 1,2-4,5)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

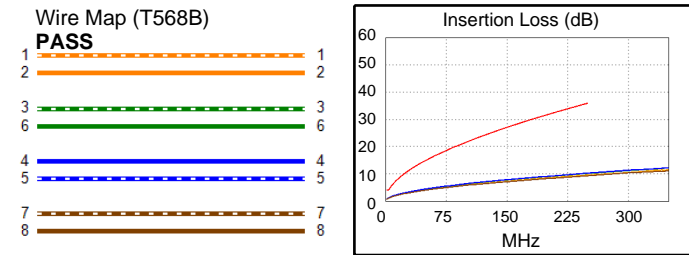
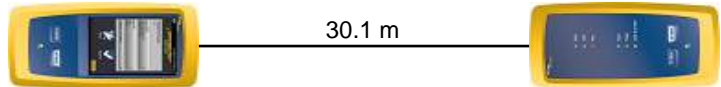
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

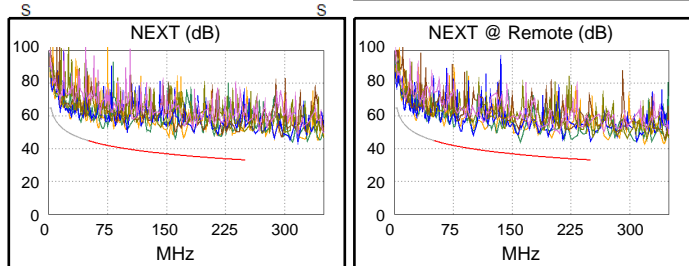
S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	30.1
Prop. Delay (ns), Limit 555	[Pair 4,5]	154
Delay Skew (ns), Limit 50	[Pair 4,5]	7
Resistance (ohms), Limit 25.00	[Pair 3,6]	5.29
Insertion Loss Margin (dB)	[Pair 4,5]	25.7
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

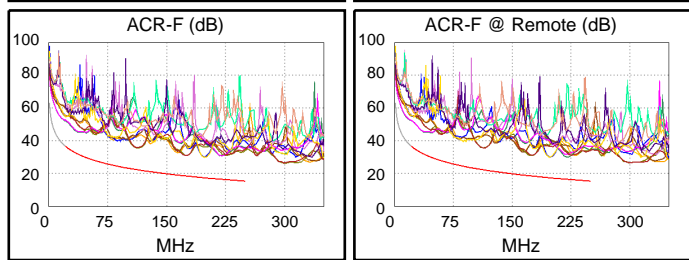


Worst Case Margin Worst Case Value

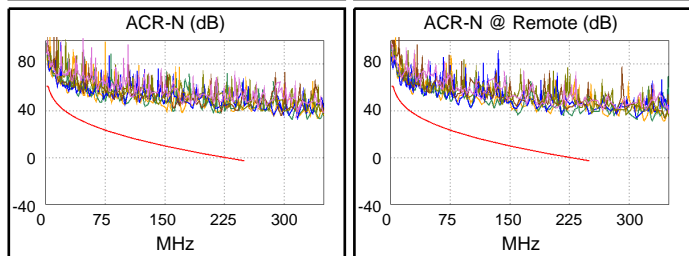
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-4,5	1,2-4,5	1,2-4,5
NEXT (dB)	9.4	7.5	12.1	7.5
Freq. (MHz)	63.5	161.5	218.0	161.5
Limit (dB)	43.3	36.4	34.1	36.4
Worst Pair	1,2	1,2	1,2	1,2
PS NEXT (dB)	10.5	8.3	12.4	11.7
Freq. (MHz)	100.0	101.0	217.5	216.5
Limit (dB)	37.1	37.0	31.2	31.2



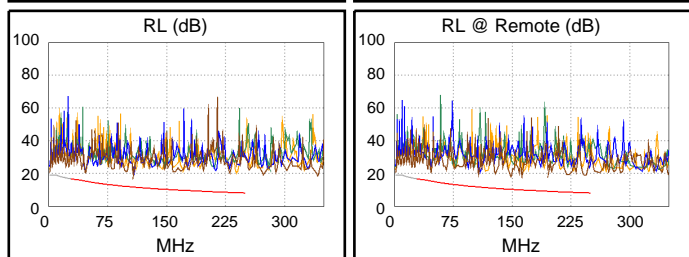
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	7,8-1,2	1,2-7,8	7,8-1,2
ACR-F (dB)	12.4	12.2	12.4	12.2
Freq. (MHz)	199.0	199.0	199.0	199.0
Limit (dB)	17.3	17.3	17.3	17.3
Worst Pair	3,6	1,2	1,2	3,6
PS ACR-F (dB)	14.2	14.4	15.0	14.7
Freq. (MHz)	168.0	199.0	228.5	228.5
Limit (dB)	15.8	14.3	13.1	13.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	1,2-4,5	1,2-7,8
ACR-N (dB)	15.4	13.8	35.8	38.4
Freq. (MHz)	14.8	12.8	218.0	250.0
Limit (dB)	45.8	47.4	0.9	-2.8
Worst Pair	1,2	7,8	1,2	1,2
PS ACR-N (dB)	15.3	15.3	36.8	36.0
Freq. (MHz)	14.8	12.8	217.5	216.5
Limit (dB)	43.2	44.8	-2.0	-1.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	5.1	5.3	7.6	8.9
Freq. (MHz)	47.0	46.5	162.5	224.5
Limit (dB)	15.3	15.3	9.9	8.5



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: CAT6/UTP/BK/30M-5

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 09:31:21 AM

Headroom 7.4 dB (NEXT 1,2-4,5)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

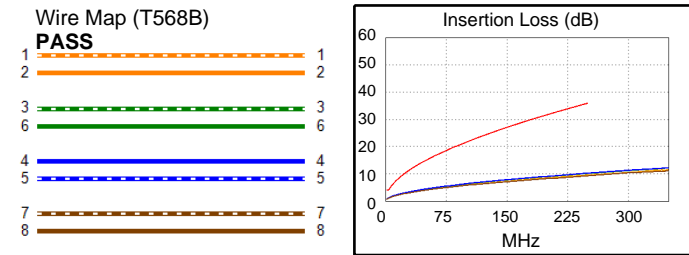
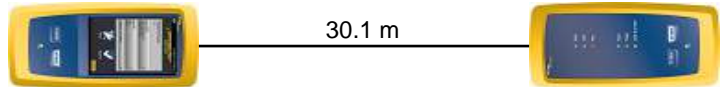
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

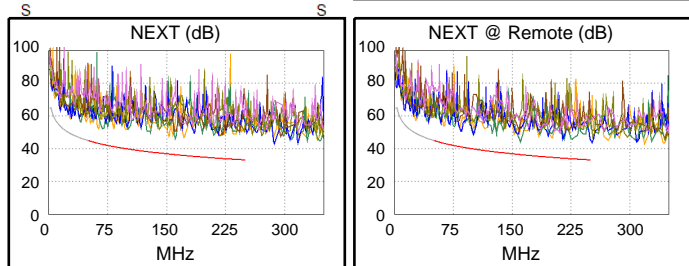
S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	30.1
Prop. Delay (ns), Limit 555	[Pair 4,5]	154
Delay Skew (ns), Limit 50	[Pair 4,5]	7
Resistance (ohms), Limit 25.00	[Pair 3,6]	5.27
Insertion Loss Margin (dB)	[Pair 4,5]	25.7
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

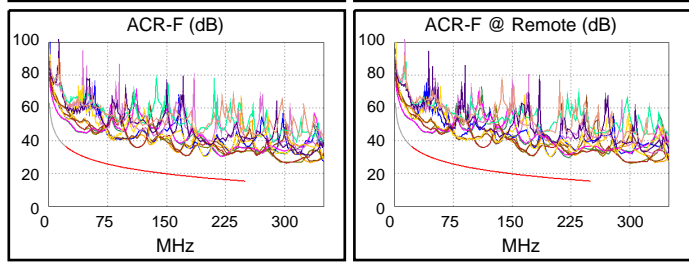


Worst Case Margin Worst Case Value

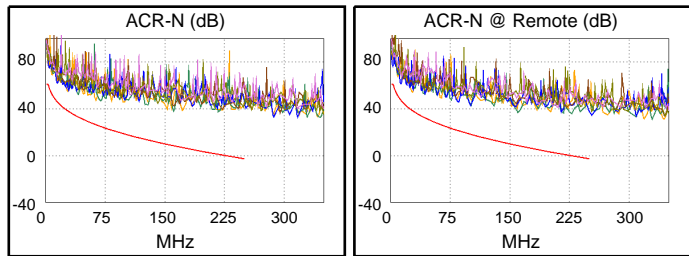
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-4,5	1,2-4,5	1,2-4,5
NEXT (dB)	8.8	7.4	9.7	7.4
Freq. (MHz)	63.5	161.0	161.0	161.0
Limit (dB)	43.3	36.4	36.4	36.4
Worst Pair	1,2	1,2	1,2	1,2
PS NEXT (dB)	10.7	8.3	12.6	9.5
Freq. (MHz)	63.5	101.0	217.5	161.0
Limit (dB)	40.5	37.0	31.2	33.5



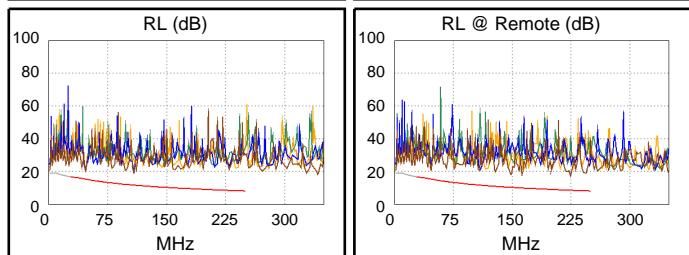
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	7,8-1,2	1,2-4,5
ACR-F (dB)	12.4	12.4	12.8	13.4
Freq. (MHz)	176.5	173.5	198.5	222.5
Limit (dB)	18.3	18.5	17.3	16.3
Worst Pair	3,6	3,6	1,2	4,5
PS ACR-F (dB)	14.3	14.3	14.9	14.4
Freq. (MHz)	168.0	176.5	228.5	224.5
Limit (dB)	15.8	15.3	13.1	13.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	1,2-4,5	1,2-4,5
ACR-N (dB)	15.6	13.6	36.0	27.4
Freq. (MHz)	14.9	12.8	217.5	161.0
Limit (dB)	45.7	47.4	0.9	8.3
Worst Pair	1,2	7,8	1,2	1,2
PS ACR-N (dB)	15.0	15.2	37.0	36.2
Freq. (MHz)	3.8	12.9	217.5	216.5
Limit (dB)	56.9	44.7	-2.0	-1.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	5.1	5.4	7.7	8.9
Freq. (MHz)	46.8	46.5	162.5	224.5
Limit (dB)	15.3	15.3	9.9	8.5



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: U001/CAT5E/UTP/GY/90M-1

Test Limit: ISO11801 Channel Class D

Limits Version: V7.1

Date / Time: 01/11/2023 10:33:17 AM

Headroom 11.4 dB (NEXT 1,2-3,6)

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

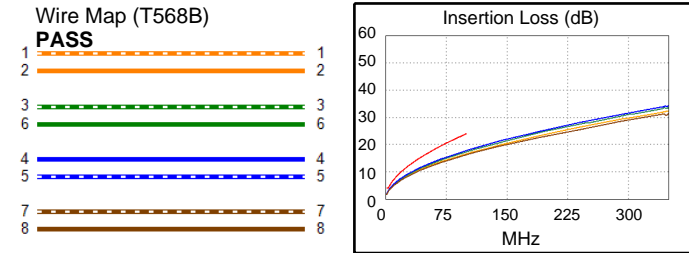
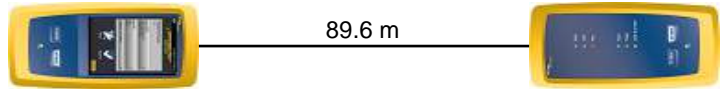
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

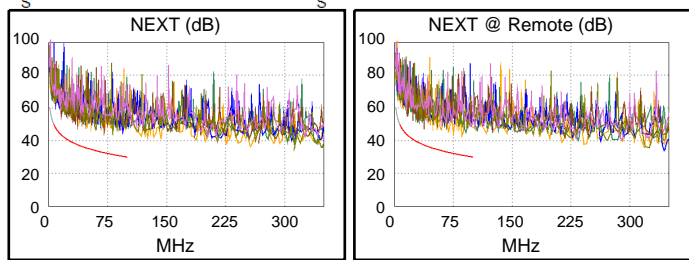
Adapter: DSX-8000R (DSX-CHA004)

S/N: 5392125

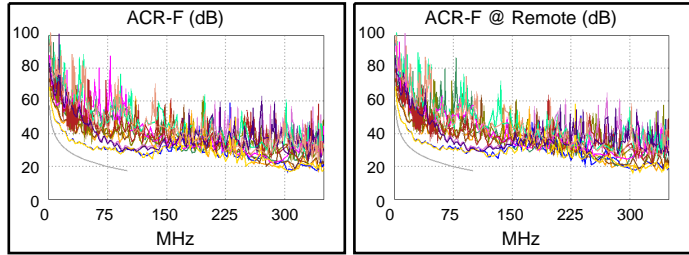
Length (m), Limit 100.0	[Pair 7,8]	89.6
Prop. Delay (ns), Limit 555	[Pair 4,5]	452
Delay Skew (ns), Limit 50	[Pair 4,5]	19
Resistance (ohms), Limit 25.00	[Pair 4,5]	16.04
Insertion Loss Margin (dB)	[Pair 4,5]	6.1
Frequency (MHz)	[Pair 4,5]	100.0
Limit (dB)	[Pair 4,5]	24.0



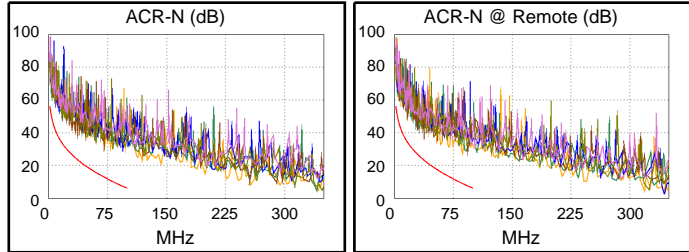
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-7,8	1,2-3,6
NEXT (dB)	12.7	11.4	13.5	11.4
Freq. (MHz)	70.5	86.3	81.5	86.3
Limit (dB)	32.7	31.2	31.6	31.2
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	12.8	12.8	12.8	13.5
Freq. (MHz)	70.5	37.5	70.5	86.3
Limit (dB)	29.7	34.4	29.7	28.2



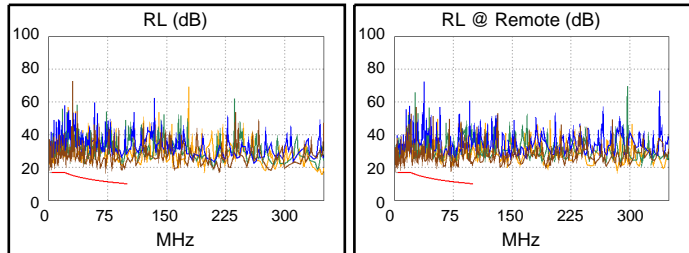
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	7,8-1,2	7,8-1,2	1,2-7,8
ACR-F (dB)	6.6	6.4	9.1	9.5
Freq. (MHz)	26.4	26.4	90.8	91.0
Limit (dB)	29.0	29.0	18.2	18.2
Worst Pair	1,2	1,2	7,8	7,8
PS ACR-F (dB)	9.0	8.8	12.0	11.0
Freq. (MHz)	26.1	26.1	93.0	91.0
Limit (dB)	26.1	26.1	15.0	15.2



	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	1,2-3,6
ACR-N (dB)	12.8	12.6	22.3	17.5
Freq. (MHz)	3.8	3.9	94.5	86.3
Limit (dB)	49.6	49.3	7.2	9.0
Worst Pair	1,2	1,2	3,6	3,6
PS ACR-N (dB)	14.6	14.5	22.6	19.6
Freq. (MHz)	3.8	3.9	97.8	86.3
Limit (dB)	46.6	46.3	3.5	6.0



	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	4.4	4.2	7.8	6.8
Freq. (MHz)	3.9	7.4	93.0	72.5
Limit (dB)	17.0	17.0	10.3	11.4



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 100BASE-T 2.5GBASE-T ATM-25
 ATM-51 ATM-155 100VG-AnyLan
 TR-4 TR-16 Active TR-16 Passive



Cable ID: U002/CAT5E/UTP/GY/90M-2

Test Limit: ISO11801 Channel Class D

Limits Version: V7.1

Date / Time: 01/11/2023 10:45:28 AM

Headroom 11.4 dB (NEXT 1,2-3,6)

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

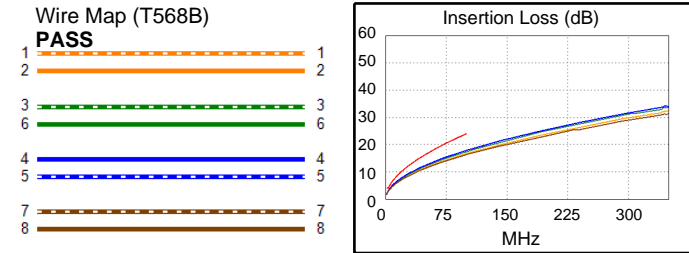
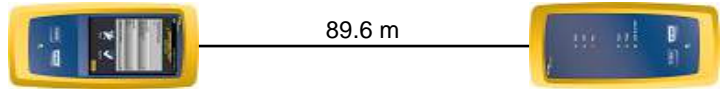
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

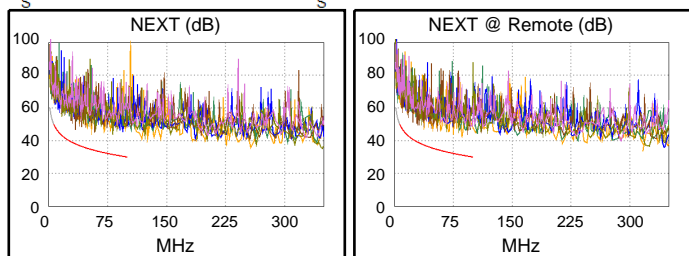
S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	89.6
Prop. Delay (ns), Limit 555	[Pair 4,5]	452
Delay Skew (ns), Limit 50	[Pair 4,5]	19
Resistance (ohms), Limit 25.00	[Pair 4,5]	16.07
Insertion Loss Margin (dB)	[Pair 4,5]	6.2
Frequency (MHz)	[Pair 4,5]	100.0
Limit (dB)	[Pair 4,5]	24.0

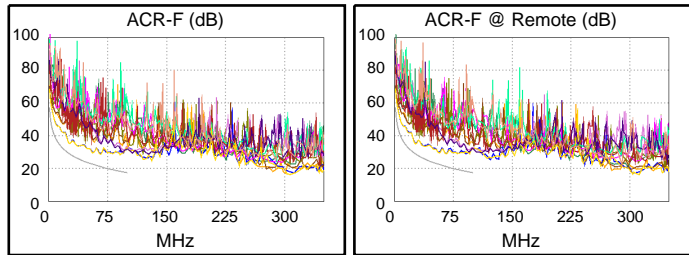


Worst Case Margin Worst Case Value

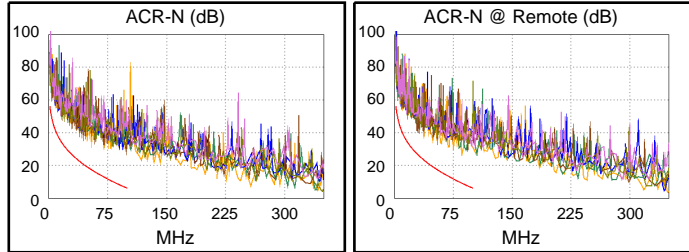
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	11.8	11.4	13.3	11.4
Freq. (MHz)	34.0	86.0	79.3	86.0
Limit (dB)	38.1	31.2	31.8	31.2
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	13.0	12.5	13.2	13.6
Freq. (MHz)	44.5	10.0	70.5	86.0
Limit (dB)	33.1	44.0	29.7	28.2



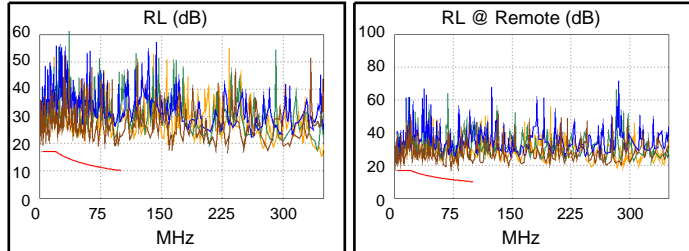
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	7,8-1,2	7,8-1,2	1,2-7,8
ACR-F (dB)	6.3	6.1	10.2	10.5
Freq. (MHz)	27.0	27.0	91.5	91.3
Limit (dB)	28.8	28.8	18.2	18.2
Worst Pair	1,2	1,2	7,8	7,8
PS ACR-F (dB)	9.0	8.8	12.5	12.5
Freq. (MHz)	27.0	27.0	95.8	95.0
Limit (dB)	25.8	25.8	14.8	14.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	3,6-4,5	1,2-3,6
ACR-N (dB)	12.9	13.1	22.7	17.4
Freq. (MHz)	3.8	4.0	98.8	86.0
Limit (dB)	49.6	49.0	6.3	9.1
Worst Pair	4,5	3,6	3,6	3,6
PS ACR-N (dB)	14.7	14.4	22.8	19.6
Freq. (MHz)	3.8	10.0	98.0	86.0
Limit (dB)	46.6	36.8	3.5	6.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	4.4	4.2	8.1	5.9
Freq. (MHz)	3.9	7.4	93.0	72.5
Limit (dB)	17.0	17.0	10.3	11.4



Compliant Network Standards:

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



Cable ID: U007/CAT6/UTP/BK/90M-1

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 10:56:28 AM

Headroom 8.0 dB (NEXT 1,2-3,6)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

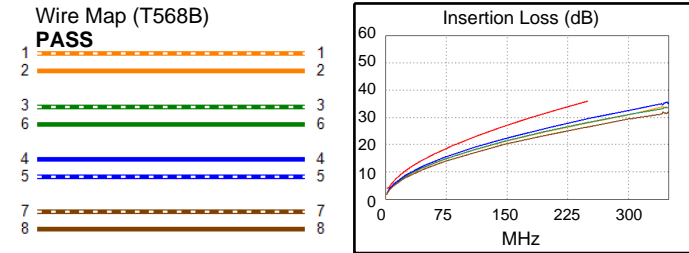
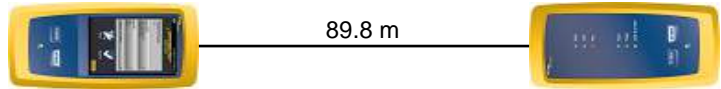
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

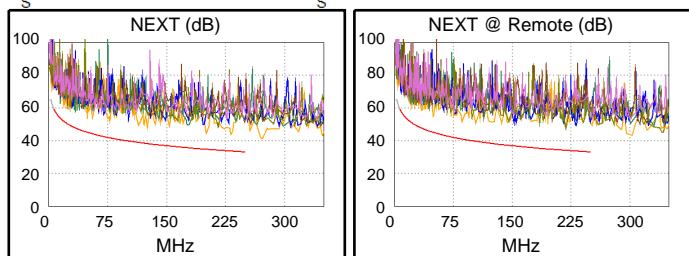
S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	89.8
Prop. Delay (ns), Limit 555	[Pair 4,5]	457
Delay Skew (ns), Limit 50	[Pair 4,5]	23
Resistance (ohms), Limit 25.00	[Pair 4,5]	14.14
Insertion Loss Margin (dB)	[Pair 4,5]	6.4
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

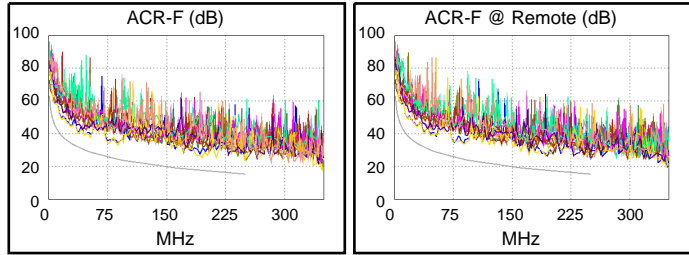


Worst Case Margin Worst Case Value

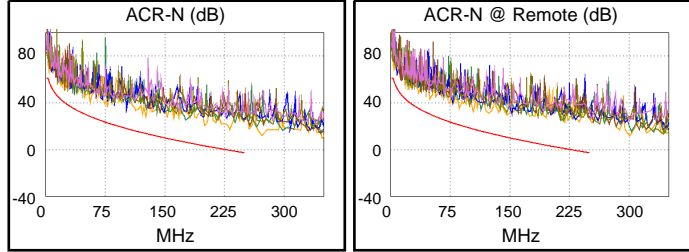
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	3,6-7,8
NEXT (dB)	8.0	9.9	10.1	13.4
Freq. (MHz)	56.5	49.3	232.0	218.5
Limit (dB)	44.1	45.1	33.7	34.1
Worst Pair	1,2	3,6	1,2	3,6
PS NEXT (dB)	9.9	11.2	12.7	13.8
Freq. (MHz)	56.5	20.9	232.5	218.5
Limit (dB)	41.3	48.7	30.7	31.2



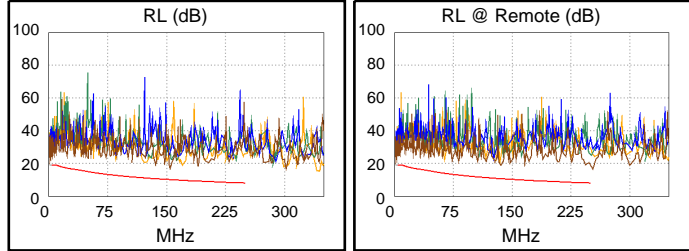
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-1,2	7,8-1,2	7,8-1,2	1,2-7,8
ACR-F (dB)	7.8	8.2	8.6	10.4
Freq. (MHz)	195.0	37.5	249.5	249.5
Limit (dB)	17.5	31.8	15.3	15.3
Worst Pair	1,2	1,2	1,2	3,6
PS ACR-F (dB)	10.1	10.4	10.1	10.7
Freq. (MHz)	249.5	46.8	249.5	249.5
Limit (dB)	12.3	26.9	12.3	12.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-N (dB)	10.0	10.5	17.5	25.0
Freq. (MHz)	3.9	3.8	232.5	250.0
Limit (dB)	59.1	59.4	-0.8	-2.8
Worst Pair	3,6	3,6	1,2	3,6
PS ACR-N (dB)	12.2	12.5	20.4	21.1
Freq. (MHz)	3.9	3.8	232.5	218.5
Limit (dB)	56.6	56.9	-3.8	-2.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	6.7	7.2	6.7	8.2
Freq. (MHz)	154.5	5.1	154.5	135.5
Limit (dB)	10.1	19.0	10.1	10.7



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



Cable ID: U005/CAT6/UTP/GY/90M-2

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 11:07:15 AM

Headroom 7.9 dB (NEXT 1,2-3,6)

Cable Type: Cat 6 U/UTP

NVP: 69.9%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

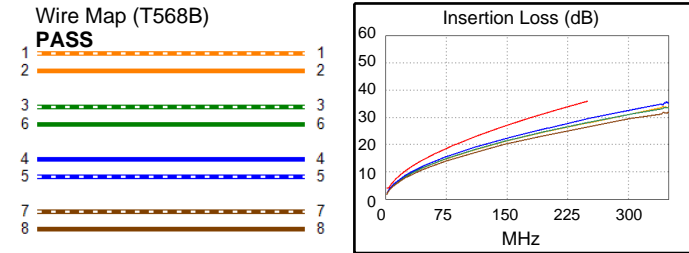
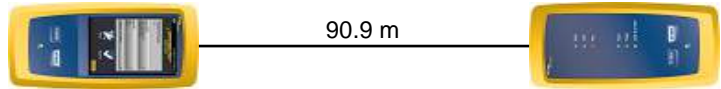
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

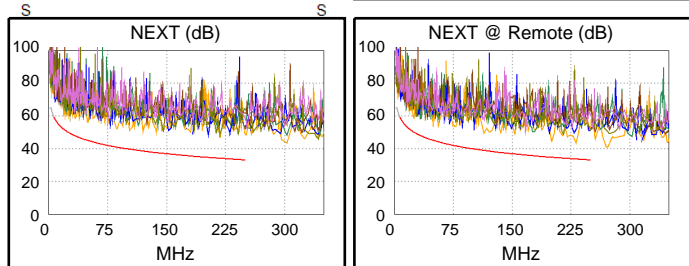
S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	90.9
Prop. Delay (ns), Limit 555	[Pair 4,5]	457
Delay Skew (ns), Limit 50	[Pair 4,5]	23
Resistance (ohms), Limit 25.00	[Pair 4,5]	14.13
Insertion Loss Margin (dB)	[Pair 4,5]	6.4
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

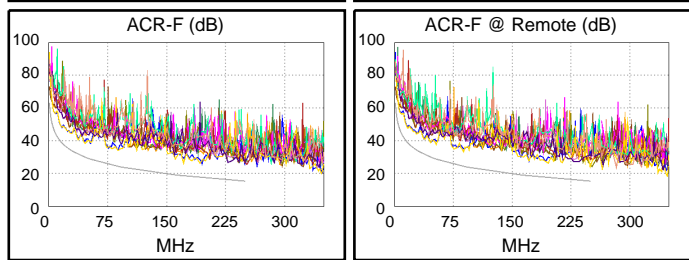


Worst Case Margin Worst Case Value

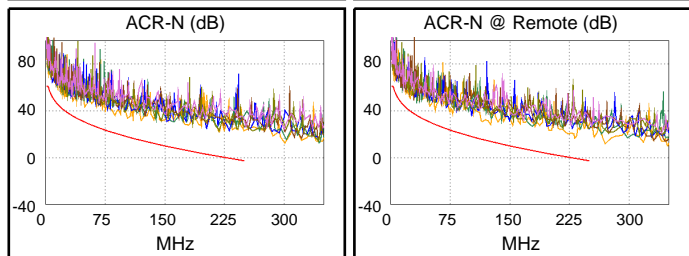
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-7,8	1,2-3,6
NEXT (dB)	9.6	7.9	12.8	9.8
Freq. (MHz)	20.8	56.5	218.5	231.5
Limit (dB)	51.4	44.1	34.1	33.7
Worst Pair	3,6	1,2	3,6	1,2
PS NEXT (dB)	10.4	9.6	13.2	12.2
Freq. (MHz)	20.9	56.5	218.5	232.5
Limit (dB)	48.7	41.3	31.2	30.7



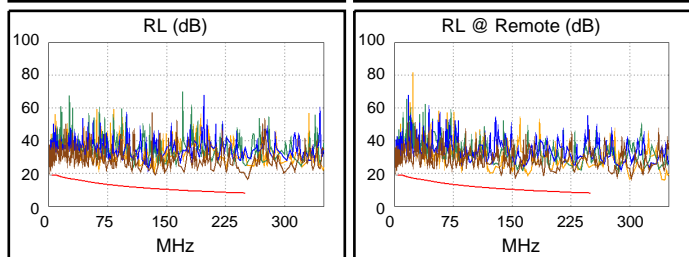
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-1,2	7,8-1,2	1,2-7,8	7,8-1,2
ACR-F (dB)	7.7	7.2	9.7	8.0
Freq. (MHz)	171.5	195.0	250.0	250.0
Limit (dB)	18.6	17.5	15.3	15.3
Worst Pair	3,6	1,2	3,6	1,2
PS ACR-F (dB)	10.1	9.6	10.1	9.8
Freq. (MHz)	250.0	195.0	250.0	250.0
Limit (dB)	12.3	14.5	12.3	12.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-N (dB)	10.8	10.3	23.6	17.2
Freq. (MHz)	3.9	23.5	250.0	232.5
Limit (dB)	59.1	40.3	-2.8	-0.8
Worst Pair	3,6	3,6	3,6	1,2
PS ACR-N (dB)	12.3	12.2	20.4	19.9
Freq. (MHz)	21.0	23.8	218.5	232.5
Limit (dB)	39.1	37.5	-2.1	-3.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	7.5	6.7	8.5	6.7
Freq. (MHz)	5.1	154.5	135.5	154.5
Limit (dB)	19.0	10.1	10.7	10.1



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



Cable ID: U006/CAT6/UTP//90M-3

Test Limit: ISO11801 Channel Class E

Limits Version: V7.1

Date / Time: 01/11/2023 12:46:15 PM

Headroom 8.8 dB (NEXT 1,2-3,6)

Cable Type: Cat 6 U/UTP

NVP: 69.6%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

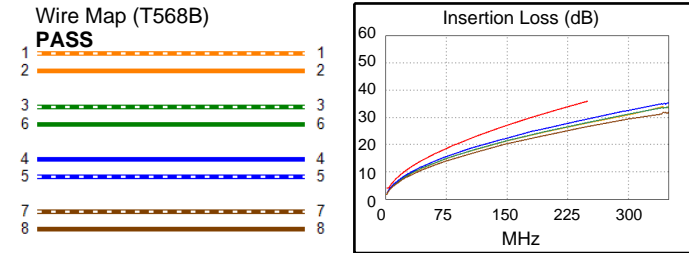
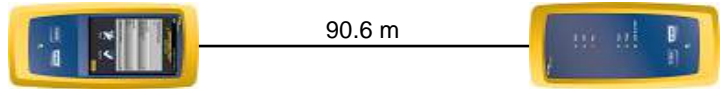
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

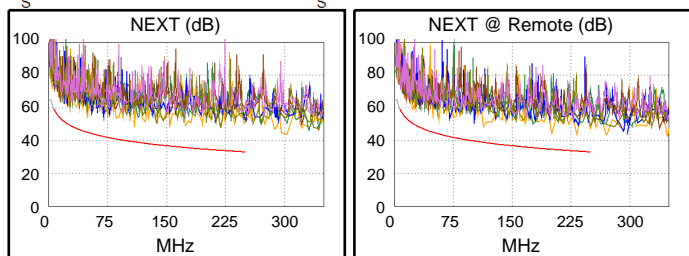
S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	90.6
Prop. Delay (ns), Limit 555	[Pair 4,5]	457
Delay Skew (ns), Limit 50	[Pair 4,5]	23
Resistance (ohms), Limit 25.00	[Pair 4,5]	14.23
Insertion Loss Margin (dB)	[Pair 4,5]	6.4
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

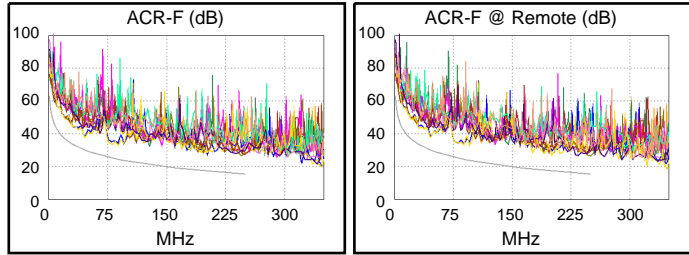


Worst Case Margin Worst Case Value

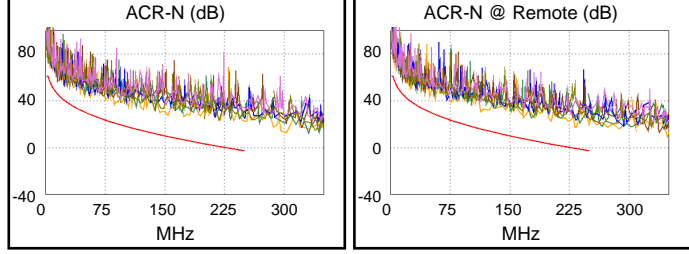
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	9.5	8.8	13.8	10.2
Freq. (MHz)	49.3	56.5	219.0	232.5
Limit (dB)	45.1	44.1	34.1	33.7
Worst Pair	1,2	1,2	3,6	1,2
PS NEXT (dB)	11.0	10.5	13.7	12.0
Freq. (MHz)	49.3	56.5	219.0	233.5
Limit (dB)	42.4	41.3	31.2	30.7



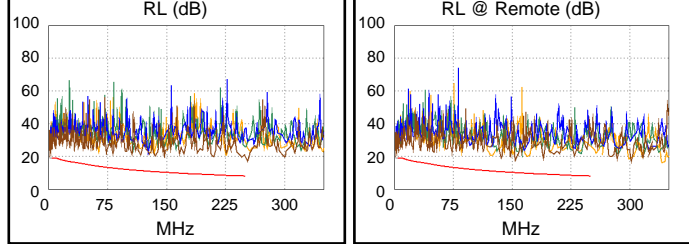
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-1,2	7,8-1,2	3,6-4,5	7,8-1,2
ACR-F (dB)	7.7	7.5	11.0	9.0
Freq. (MHz)	46.3	45.5	245.5	202.0
Limit (dB)	30.0	30.1	15.5	17.1
Worst Pair	1,2	1,2	3,6	3,6
PS ACR-F (dB)	9.8	9.6	11.2	10.6
Freq. (MHz)	46.3	46.3	249.5	246.0
Limit (dB)	27.0	27.0	12.3	12.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-N (dB)	12.1	11.2	23.0	17.7
Freq. (MHz)	13.1	23.4	250.0	232.5
Limit (dB)	47.1	40.4	-2.8	-0.8
Worst Pair	1,2	1,2	1,2	1,2
PS ACR-N (dB)	13.1	12.8	24.0	19.7
Freq. (MHz)	13.3	23.4	250.0	233.5
Limit (dB)	44.4	37.7	-5.8	-3.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	7.1	6.6	11.4	6.9
Freq. (MHz)	5.1	5.1	245.5	154.5
Limit (dB)	19.0	19.0	8.1	10.1



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 100BASE-T 2.5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive



Cable ID: U004/CAT5E/UTP/BK/90M-4

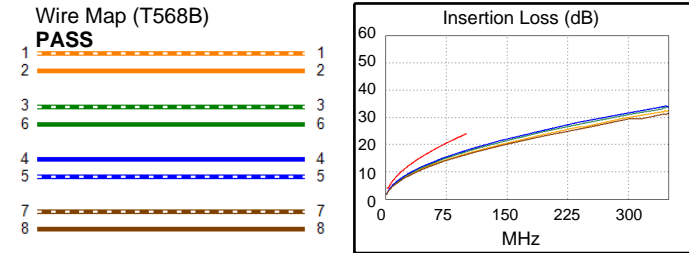
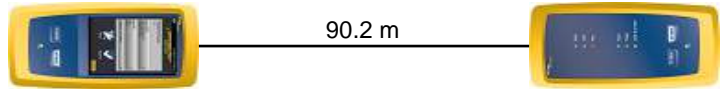
Test Limit: ISO11801 Channel Class D (+PoE)
Limits Version: V7.1
Date / Time: 01/11/2023 12:58:24 PM
Headroom 11.2 dB (NEXT 1,2-3,6)
Cable Type: Cat 5e U/UTP
NVP: 69.5%

Main: Versiv
S/N: 1852184
Software Version: V6.1 Build 3
Calibration Date: 06/24/2022
Adapter: DSX-8000 (DSX-CHA004)
S/N: 5392181

Test Summary: PASS

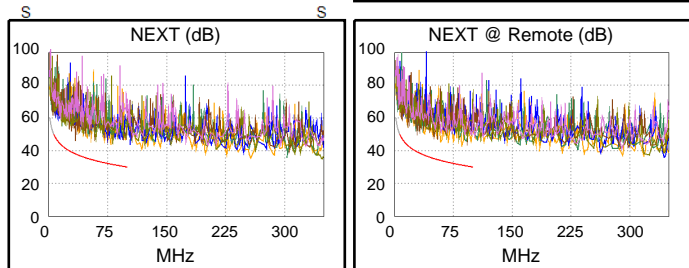
Remote: Versiv
S/N: 1903020
Software Version: V6.1 Build 3
Calibration Date: 06/24/2022
Adapter: DSX-8000R (DSX-CHA004)
S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	90.2
Prop. Delay (ns), Limit 555	[Pair 4,5]	452
Delay Skew (ns), Limit 50	[Pair 4,5]	19
Resistance (ohms), Limit 25.00	[Pair 4,5]	16.12
Resist. Unbal. (ohms), Limit 0.480	[Pair 4,5]	0.140
Resist. P2P Unbal. (ohms), Limit 0.550	[Pair 4,5-7,8]	0.168
Insertion Loss Margin (dB)	[Pair 4,5]	6.1
Frequency (MHz)	[Pair 4,5]	100.0
Limit (dB)	[Pair 4,5]	24.0

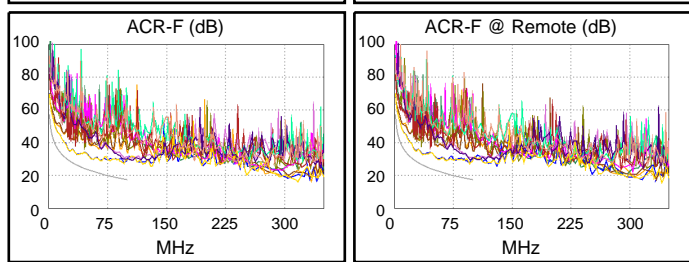


Worst Case Margin Worst Case Value

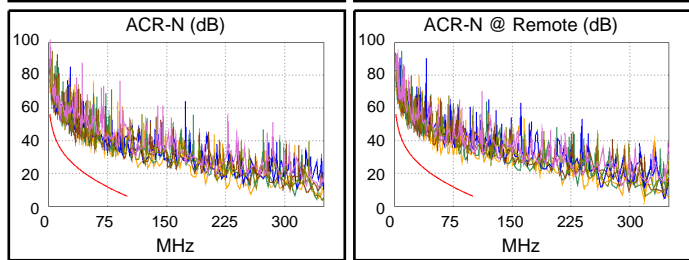
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	11.5	11.2	12.5	11.6
Freq. (MHz)	34.3	59.0	79.0	86.0
Limit (dB)	38.0	34.0	31.8	31.2
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	13.1	13.9	15.9	14.1
Freq. (MHz)	44.3	9.9	97.8	86.0
Limit (dB)	33.1	44.1	27.2	28.2



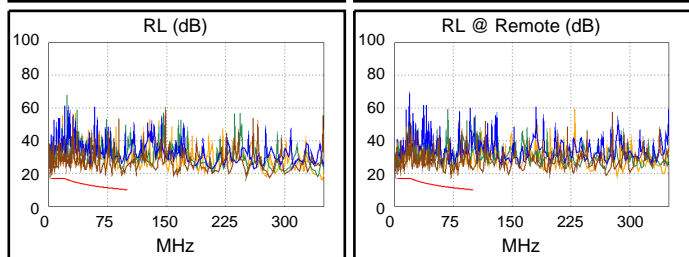
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	7,8-1,2	7,8-1,2	7,8-1,2
ACR-F (dB)	6.1	5.9	9.4	9.3
Freq. (MHz)	27.4	27.4	95.8	95.8
Limit (dB)	28.7	28.7	17.8	17.8
Worst Pair	1,2	1,2	7,8	7,8
PS ACR-F (dB)	8.6	8.4	11.1	11.2
Freq. (MHz)	27.4	27.4	96.0	95.5
Limit (dB)	25.7	25.7	14.8	14.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-3,6	1,2-3,6
ACR-N (dB)	13.0	13.2	18.2	17.6
Freq. (MHz)	3.9	4.0	79.0	86.0
Limit (dB)	49.3	49.0	10.7	9.1
Worst Pair	1,2	1,2	3,6	3,6
PS ACR-N (dB)	14.4	15.3	22.4	20.1
Freq. (MHz)	3.8	4.0	97.8	86.0
Limit (dB)	46.6	46.0	3.5	6.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	4.8	4.4	8.8	6.1
Freq. (MHz)	3.9	7.4	93.0	72.5
Limit (dB)	17.0	17.0	10.3	11.4



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



Cable ID: U003/CAT5E/UTP/OR/90M-5

Test Limit: ISO11801 Channel Class D (+PoE)

Limits Version: V7.1

Date / Time: 01/11/2023 01:11:09 PM

Headroom 9.8 dB (NEXT 1,2-3,6)

Cable Type: Cat 5e U/UTP

NVP: 69.5%

Main: Versiv

S/N: 1852184

Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000 (DSX-CHA004)

S/N: 5392181

Test Summary: PASS

Remote: Versiv

S/N: 1903020

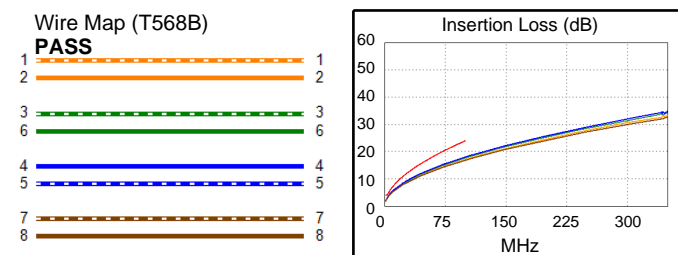
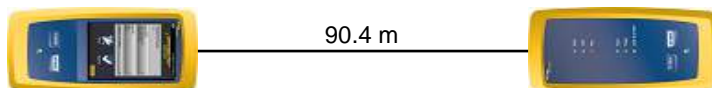
Software Version: V6.1 Build 3

Calibration Date: 06/24/2022

Adapter: DSX-8000R (DSX-CHA004)

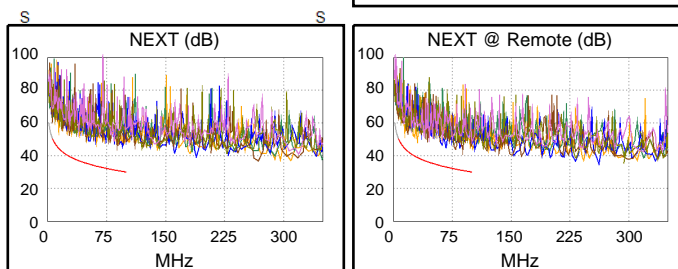
S/N: 5392125

Length (m), Limit 100.0	[Pair 7,8]	90.4
Prop. Delay (ns), Limit 555	[Pair 4,5]	451
Delay Skew (ns), Limit 50	[Pair 4,5]	17
Resistance (ohms), Limit 25.00	[Pair 4,5]	16.10
Resist. Unbal. (ohms), Limit 0.480	[Pair 4,5]	0.103
Resist. P2P Unbal. (ohms), Limit 0.550	[Pair 4,5-7,8]	0.157
Insertion Loss Margin (dB)	[Pair 4,5]	6.0
Frequency (MHz)	[Pair 4,5]	100.0
Limit (dB)	[Pair 4,5]	24.0

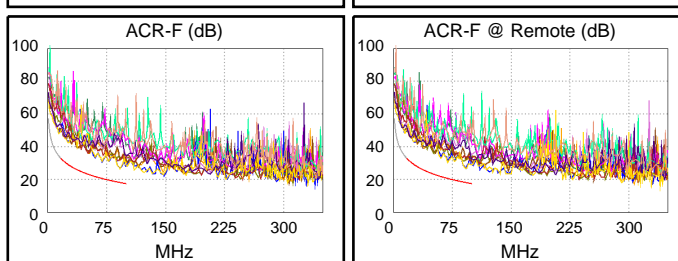


Worst Case Margin Worst Case Value

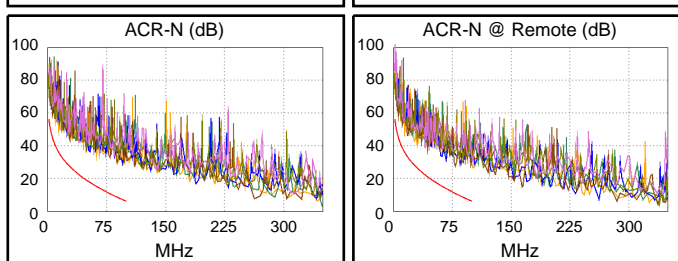
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-7,8	3,6-4,5
NEXT (dB)	11.2	9.8	15.2	12.4
Freq. (MHz)	14.3	14.4	95.3	88.5
Limit (dB)	44.4	44.4	30.4	31.0
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	12.6	10.8	15.3	14.0
Freq. (MHz)	6.3	17.9	88.5	88.5
Limit (dB)	47.4	39.8	28.0	28.0



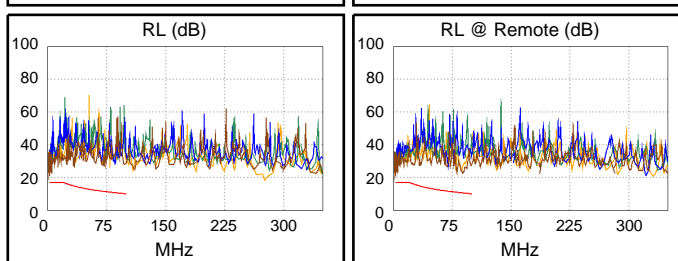
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-1,2	1,2-7,8	7,8-1,2	1,2-7,8
ACR-F (dB)	8.3	8.6	8.3	8.6
Freq. (MHz)	92.0	92.0	92.0	92.0
Limit (dB)	18.1	18.1	18.1	18.1
Worst Pair	1,2	1,2	1,2	1,2
PS ACR-F (dB)	10.2	10.5	10.2	11.2
Freq. (MHz)	92.0	92.0	92.0	100.0
Limit (dB)	15.1	15.1	15.1	14.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-7,8	3,6-4,5
ACR-N (dB)	13.2	11.8	22.1	18.0
Freq. (MHz)	14.3	14.3	95.3	88.5
Limit (dB)	35.9	35.9	7.1	8.5
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	14.0	13.1	21.2	19.9
Freq. (MHz)	6.3	17.9	88.5	88.5
Limit (dB)	41.7	30.2	5.5	5.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	8.1	8.3	8.1	11.8
Freq. (MHz)	3.9	4.0	3.9	88.8
Limit (dB)	17.0	17.0	17.0	10.5



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