

Cable ID/ Test ID	Summary	Test Limit	Length	Headroom	Date / Time
001	PASS	TIA Cat 6 Perm. Link	75 ft	1.0 dB (NEXT)	12/02/2025 07:27 AM
002	PASS	TIA Cat 6 Perm. Link	75 ft	1.2 dB (NEXT)	12/02/2025 07:32 AM
003	PASS	TIA Cat 6 Perm. Link	65 ft	4.6 dB (NEXT)	12/02/2025 07:33 AM
004	PASS	TIA Cat 6 Perm. Link	64 ft	5.3 dB (NEXT)	12/02/2025 07:33 AM
005	PASS	TIA Cat 6 Perm. Link	54 ft	2.9 dB (NEXT)	12/02/2025 07:33 AM
006	PASS	TIA Cat 6 Perm. Link	54 ft	5.3 dB (NEXT)	12/02/2025 07:36 AM
007	PASS	TIA Cat 6 Perm. Link	71 ft	1.5 dB (NEXT)	12/02/2025 07:36 AM
008	PASS	TIA Cat 6 Perm. Link	71 ft	5.1 dB (NEXT)	12/02/2025 07:44 AM
009	PASS	TIA Cat 6 Perm. Link	122 ft	3.8 dB (NEXT)	12/02/2025 07:45 AM
010	PASS	TIA Cat 6 Perm. Link	123 ft	2.4 dB (NEXT)	12/02/2025 07:45 AM
011	PASS	TIA Cat 6 Perm. Link	111 ft	3.5 dB (NEXT)	12/02/2025 07:46 AM
012	PASS	TIA Cat 6 Perm. Link	111 ft	4.6 dB (NEXT)	12/02/2025 07:46 AM
013	PASS	TIA Cat 6 Perm. Link	121 ft	2.5 dB (NEXT)	12/02/2025 07:47 AM
014	PASS	TIA Cat 6 Perm. Link	121 ft	3.0 dB (NEXT)	12/02/2025 07:47 AM
015	PASS	TIA Cat 6 Perm. Link	126 ft	2.5 dB (NEXT)	12/02/2025 07:47 AM
016	PASS	TIA Cat 6 Perm. Link	128 ft	3.1 dB (NEXT)	12/02/2025 07:47 AM
017	PASS	TIA Cat 6 Perm. Link	107 ft	3.5 dB (NEXT)	12/02/2025 07:49 AM
018	PASS	TIA Cat 6 Perm. Link	108 ft	1.7 dB (NEXT)	12/02/2025 07:49 AM
019	PASS	TIA Cat 6 Perm. Link	113 ft	1.9 dB (NEXT)	12/02/2025 07:50 AM
020	PASS	TIA Cat 6 Perm. Link	113 ft	2.9 dB (NEXT)	12/02/2025 07:50 AM
021	PASS	TIA Cat 6 Perm. Link	121 ft	1.1 dB (NEXT)	12/02/2025 07:50 AM
022	PASS	TIA Cat 6 Perm. Link	121 ft	2.6 dB (NEXT)	12/02/2025 07:51 AM
023	PASS	TIA Cat 6 Perm. Link	128 ft	2.4 dB (NEXT)	12/02/2025 07:51 AM
024	PASS	TIA Cat 6 Perm. Link	128 ft	3.3 dB (NEXT)	12/02/2025 08:09 AM
025	PASS	TIA Cat 6 Perm. Link	137 ft	5.4 dB (NEXT)	12/02/2025 08:11 AM
026	PASS	TIA Cat 6 Perm. Link	136 ft	5.0 dB (NEXT)	12/02/2025 08:12 AM
027	PASS	TIA Cat 6 Perm. Link	225 ft	2.8 dB (NEXT)	12/02/2025 08:12 AM
028	PASS	TIA Cat 6 Perm. Link	105 ft	5.8 dB (NEXT)	12/02/2025 08:13 AM
029	PASS	TIA Cat 6 Perm. Link	105 ft	3.9 dB (NEXT)	12/02/2025 08:13 AM
030	PASS	TIA Cat 6 Perm. Link	103 ft	1.1 dB (NEXT)	12/02/2025 08:14 AM
031	PASS	TIA Cat 6 Perm. Link	65 ft	2.9 dB (NEXT)	12/02/2025 08:22 AM
032	PASS	TIA Cat 6 Perm. Link	65 ft	3.2 dB (NEXT)	12/02/2025 08:15 AM
033	PASS	TIA Cat 6 Perm. Link	83 ft	4.4 dB (NEXT)	12/02/2025 08:16 AM
034	PASS	TIA Cat 6 Perm. Link	83 ft	3.6 dB (NEXT)	12/02/2025 08:16 AM
035	PASS	TIA Cat 6 Perm. Link	81 ft	3.3 dB (NEXT)	12/02/2025 08:18 AM
AP001	PASS	TIA Cat 6 Perm. Link	56 ft	4.0 dB (NEXT)	12/02/2025 11:40 AM
AP002	PASS	TIA Cat 6 Perm. Link	102 ft	4.1 dB (NEXT)	12/02/2025 11:46 AM
AP003	PASS	TIA Cat 6 Perm. Link	175 ft	3.7 dB (NEXT)	12/02/2025 11:48 AM
AP004	PASS	TIA Cat 6 Perm. Link	105 ft	3.8 dB (NEXT)	12/02/2025 11:50 AM
AP005	PASS	TIA Cat 6 Perm. Link	151 ft	3.6 dB (NEXT)	12/02/2025 11:51 AM
AP006	PASS	TIA Cat 6 Perm. Link	248 ft	2.8 dB (NEXT)	12/02/2025 11:53 AM
AP007	PASS	TIA Cat 6 Perm. Link	166 ft	2.2 dB (NEXT)	12/02/2025 01:15 PM
B001	PASS	TIA Cat 6 Perm. Link	56 ft	4.7 dB (NEXT)	12/02/2025 01:08 PM
B002	PASS	TIA Cat 6 Perm. Link	56 ft	6.0 dB (NEXT)	12/02/2025 01:09 PM
B003	PASS	TIA Cat 6 Perm. Link	37 ft	4.7 dB (NEXT)	12/02/2025 01:10 PM
B004	PASS	TIA Cat 6 Perm. Link	38 ft	2.2 dB (NEXT)	12/02/2025 01:11 PM

Total Length:	4809 ft
Number of Reports:	46
Number of Passing Reports:	46
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



Cable ID/ Test ID: 001

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 07:27:50 AM

Operator: Matt Fiske

Headroom 1.0 dB (NEXT 1,2-4,5)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	75
Prop. Delay (ns), Limit 498	[Pair 3,6]	116
Delay Skew (ns), Limit 44	[Pair 3,6]	5
Resistance (ohms)	[Pair 4,5]	3.81
Insertion Loss Margin (dB)	[Pair 4,5]	22.9
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	31.1



75 ft

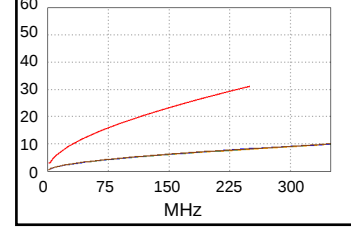


Wire Map (T568B)

PASS

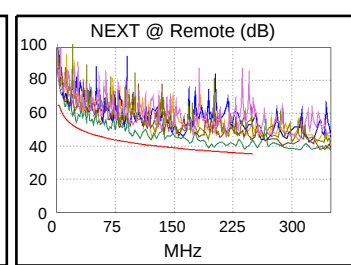
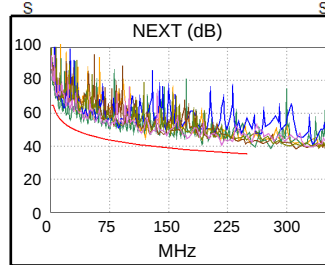


Insertion Loss (dB)

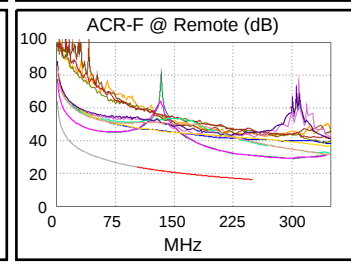
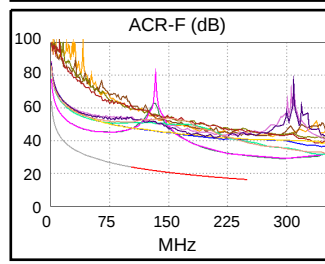


Worst Case Margin Worst Case Value

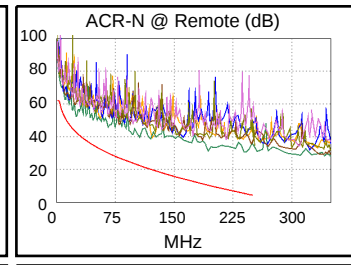
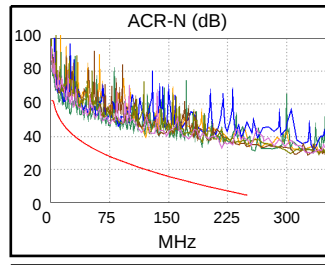
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	4,5-7,8	1,2-4,5
NEXT (dB)	4.1	1.0	4.3	2.1
Freq. (MHz)	192.5	193.0	217.0	241.0
Limit (dB)	37.2	37.2	36.3	35.6
Worst Pair	4,5	1,2	4,5	1,2
PS NEXT (dB)	4.7	3.3	5.4	4.0
Freq. (MHz)	201.5	193.0	230.0	241.0
Limit (dB)	34.3	34.6	33.3	33.0



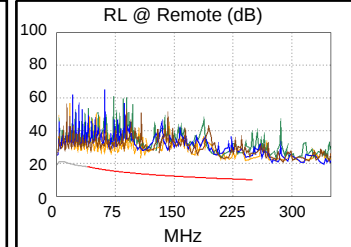
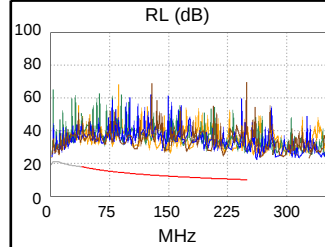
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-1,2	1,2-4,5	1,2-4,5	1,2-4,5
ACR-F (dB)	13.9	13.9	14.4	14.3
Freq. (MHz)	4.8	4.8	250.0	250.0
Limit (dB)	50.7	50.7	16.2	16.2
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	15.7	15.6	16.7	16.7
Freq. (MHz)	1.3	1.1	250.0	250.0
Limit (dB)	59.3	60.2	13.2	13.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	3,6-4,5	1,2-4,5
ACR-N (dB)	9.7	9.7	28.6	24.6
Freq. (MHz)	10.8	25.1	248.5	241.0
Limit (dB)	51.6	42.6	4.4	5.1
Worst Pair	4,5	4,5	3,6	1,2
PS ACR-N (dB)	10.7	11.1	29.1	26.5
Freq. (MHz)	10.8	24.9	249.0	241.0
Limit (dB)	49.2	40.3	1.7	2.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	1,2
RL (dB)	14.3	9.4	14.3	11.8
Freq. (MHz)	219.5	39.5	219.5	249.5
Limit (dB)	10.6	18.0	10.6	10.0



Compliant Network Standards:

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

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

LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks



Cable ID/ Test ID: 002

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 07:32:29 AM

Operator: Matt Fiske

Headroom 1.2 dB (NEXT 3,6-7,8)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	75
Prop. Delay (ns), Limit 498	[Pair 3,6]	115
Delay Skew (ns), Limit 44	[Pair 3,6]	5
Resistance (ohms)	[Pair 3,6]	3.83
Insertion Loss Margin (dB)	[Pair 4,5]	23.1
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	31.1

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-4,5	3,6-7,8	3,6-4,5
NEXT (dB)	1.2	2.2	3.2	4.4
Freq. (MHz)	154.5	117.5	231.0	240.0
Limit (dB)	38.8	40.7	35.9	35.6
Worst Pair	7,8	4,5	7,8	4,5
PS NEXT (dB)	2.3	4.3	2.3	5.1
Freq. (MHz)	196.0	117.5	196.0	244.5
Limit (dB)	34.5	38.1	34.5	32.9

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	4,5-7,8	1,2-4,5	4,5-1,2
ACR-F (dB)	14.4	14.4	14.8	14.9
Freq. (MHz)	4.8	5.1	250.0	250.0
Limit (dB)	50.7	50.0	16.2	16.2
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	13.3	13.0	15.6	15.9
Freq. (MHz)	1.5	1.3	250.0	250.0
Limit (dB)	57.7	59.3	13.2	13.2

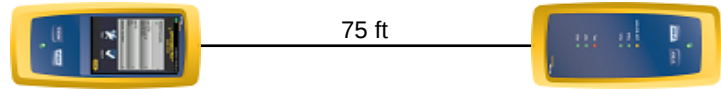
N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	3,6-7,8	3,6-4,5
ACR-N (dB)	10.0	9.8	25.2	27.1
Freq. (MHz)	9.3	4.3	231.0	240.5
Limit (dB)	53.0	60.0	6.2	5.2
Worst Pair	7,8	4,5	7,8	4,5
PS ACR-N (dB)	8.9	9.2	26.5	28.0
Freq. (MHz)	4.8	4.4	239.0	244.5
Limit (dB)	56.8	57.5	2.7	2.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	1,2	1,2
RL (dB)	12.9	8.7	15.3	10.2
Freq. (MHz)	47.8	43.8	250.0	250.0
Limit (dB)	17.2	17.6	10.0	10.0

Compliant Network Standards:

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

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

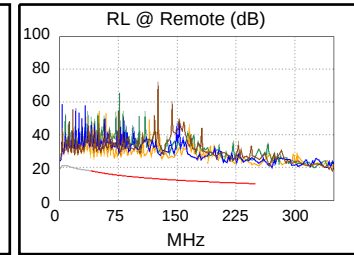
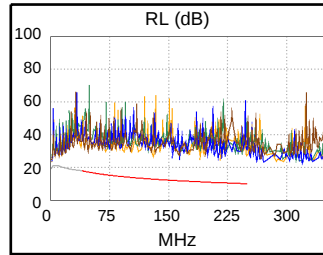
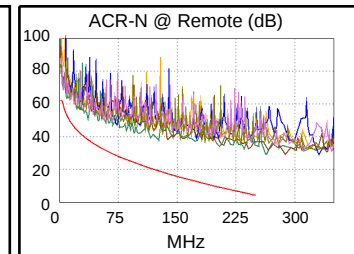
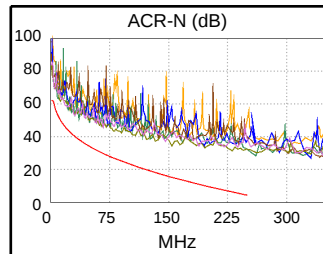
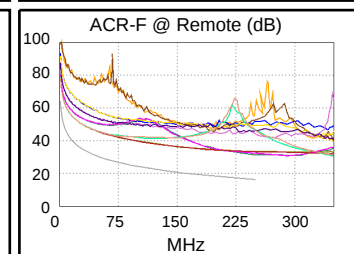
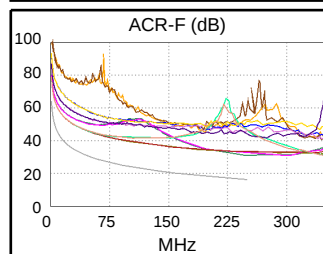
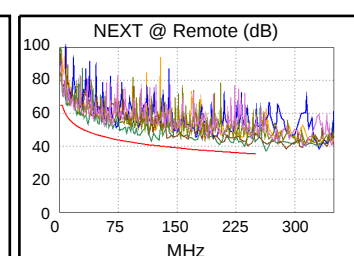
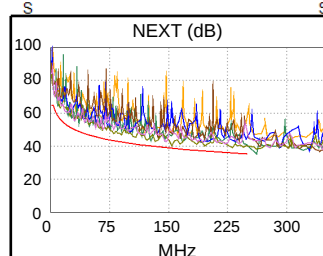
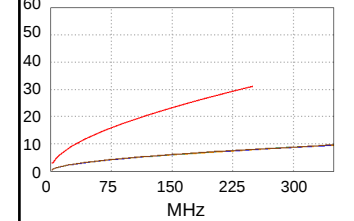


Wire Map (T568B)

PASS



Insertion Loss (dB)



LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks



Cable ID/ Test ID: 003

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 07:33:07 AM

Operator: Matt Fiske

Headroom 4.6 dB (NEXT 3,6-4,5)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	65
Prop. Delay (ns), Limit 498	[Pair 3,6]	99
Delay Skew (ns), Limit 44	[Pair 3,6]	4
Resistance (ohms)	[Pair 3,6]	3.29
Insertion Loss Margin (dB)	[Pair 4,5]	24.1
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	31.1

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	4.6	5.3	6.9	5.4
Freq. (MHz)	138.0	242.5	248.5	243.0
Limit (dB)	39.6	35.6	35.4	35.5
Worst Pair	4,5	3,6	3,6	3,6
PS NEXT (dB)	6.5	6.1	7.4	6.1
Freq. (MHz)	136.5	242.0	248.0	242.0
Limit (dB)	37.1	32.9	32.8	32.9

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-1,2	1,2-4,5	1,2-4,5	4,5-1,2
ACR-F (dB)	15.7	15.7	20.1	20.3
Freq. (MHz)	5.5	5.5	250.0	250.0
Limit (dB)	49.4	49.4	16.2	16.2
Worst Pair	4,5	4,5	4,5	1,2
PS ACR-F (dB)	17.0	16.2	22.2	22.1
Freq. (MHz)	1.0	1.4	250.0	250.0
Limit (dB)	61.2	58.4	13.2	13.2

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-7,8	3,6-4,5	3,6-4,5
ACR-N (dB)	17.3	17.3	31.0	29.2
Freq. (MHz)	37.3	8.1	248.5	243.0
Limit (dB)	37.8	54.3	4.4	4.9
Worst Pair	7,8	7,8	3,6	3,6
PS ACR-N (dB)	17.5	17.1	31.6	29.8
Freq. (MHz)	9.5	9.5	248.0	242.0
Limit (dB)	50.4	50.4	1.8	2.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	1,2
RL (dB)	9.2	6.5	10.3	8.9
Freq. (MHz)	56.3	56.3	178.5	179.0
Limit (dB)	16.5	16.5	11.5	11.5

Compliant Network Standards:

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

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

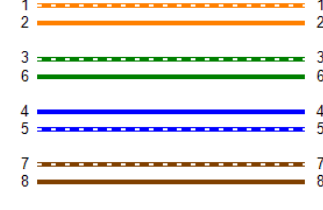


65 ft

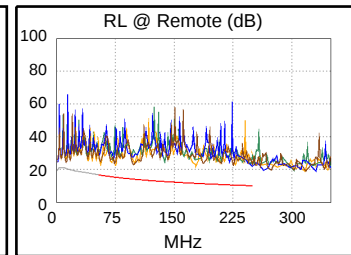
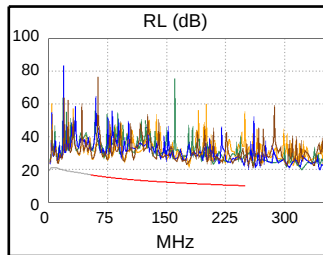
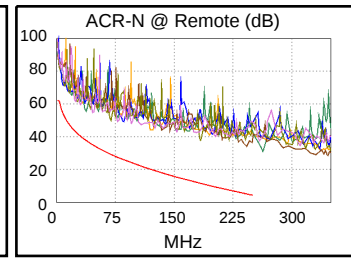
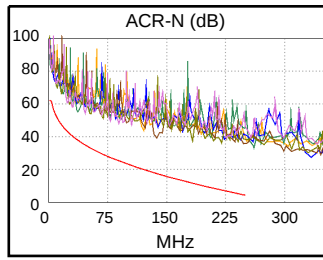
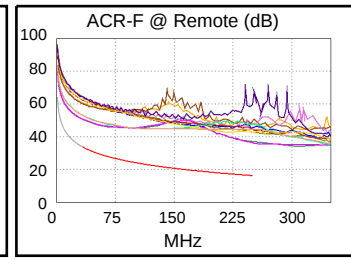
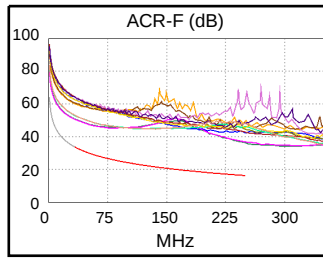
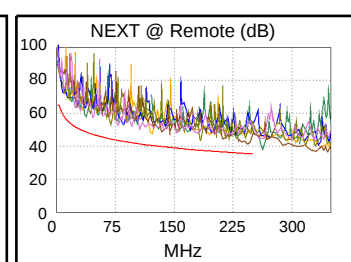
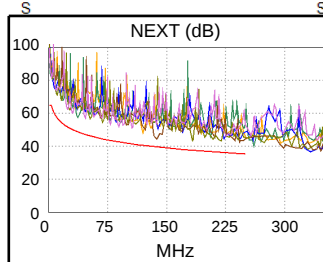
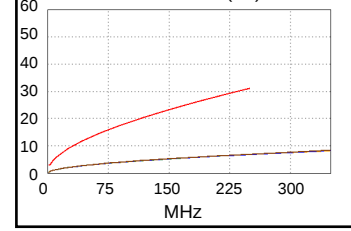


Wire Map (T568B)

PASS



Insertion Loss (dB)



LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks



Cable ID/ Test ID: 004

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 07:33:30 AM

Operator: Matt Fiske

Headroom 5.3 dB (NEXT 3,6-4,5)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	64
Prop. Delay (ns), Limit 498	[Pair 3,6]	99
Delay Skew (ns), Limit 44	[Pair 3,6]	5
Resistance (ohms)	[Pair 3,6]	3.26
Insertion Loss Margin (dB)	[Pair 3,6]	24.3
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	31.1



64 ft

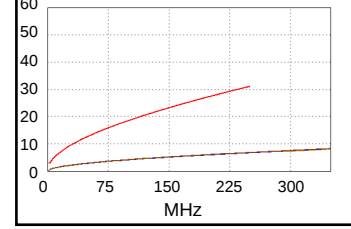


Wire Map (T568B)

PASS

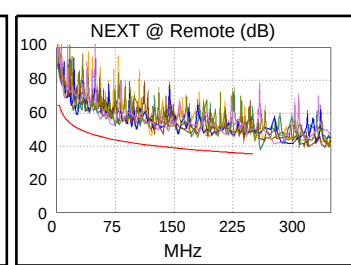
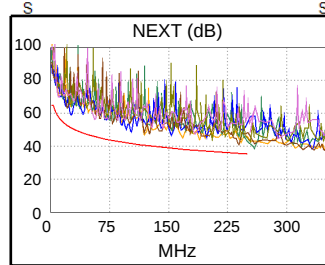


Insertion Loss (dB)

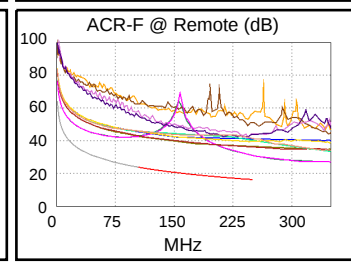
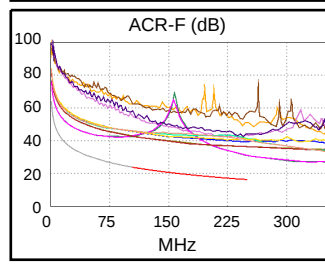


Worst Case Margin Worst Case Value

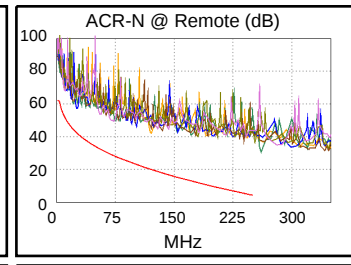
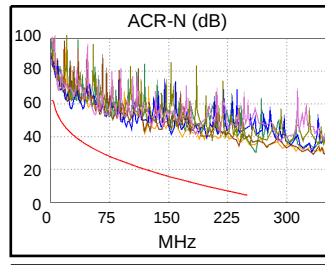
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-3,6	3,6-4,5	3,6-4,5
NEXT (dB)	5.3	6.0	5.4	8.1
Freq. (MHz)	239.0	120.5	239.5	239.5
Limit (dB)	35.7	40.5	35.6	35.6
Worst Pair	3,6	3,6	3,6	4,5
PS NEXT (dB)	5.7	6.3	6.3	8.8
Freq. (MHz)	120.0	120.0	239.0	240.0
Limit (dB)	38.0	38.0	33.0	33.0



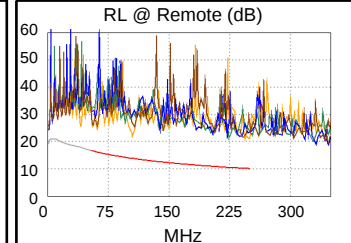
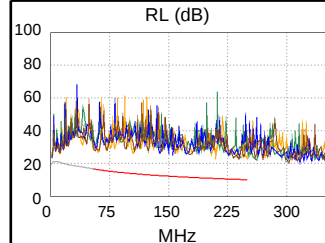
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-1,2	1,2-4,5	1,2-4,5	1,2-4,5
ACR-F (dB)	12.6	12.7	14.8	14.7
Freq. (MHz)	4.4	9.4	250.0	250.0
Limit (dB)	51.4	44.8	16.2	16.2
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	13.6	13.4	16.1	16.1
Freq. (MHz)	1.4	1.0	250.0	249.5
Limit (dB)	58.4	61.2	13.2	13.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	3,6-4,5	3,6-4,5
ACR-N (dB)	14.8	15.0	29.1	31.8
Freq. (MHz)	25.9	26.0	239.5	239.5
Limit (dB)	42.3	42.2	5.3	5.3
Worst Pair	1,2	1,2	3,6	4,5
PS ACR-N (dB)	15.4	15.2	30.0	32.6
Freq. (MHz)	26.3	26.3	239.5	240.0
Limit (dB)	39.7	39.7	2.7	2.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	3,6
RL (dB)	10.2	7.1	12.0	10.1
Freq. (MHz)	60.8	105.5	249.5	225.0
Limit (dB)	16.2	13.8	10.0	10.5



Compliant Network Standards:

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

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

LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks®



Cable ID/ Test ID: 005

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 07:33:57 AM

Operator: Matt Fiske

Headroom 2.9 dB (NEXT 3,6-4,5)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	54
Prop. Delay (ns), Limit 498	[Pair 3,6]	84
Delay Skew (ns), Limit 44	[Pair 3,6]	4
Resistance (ohms)	[Pair 3,6]	2.75
Insertion Loss Margin (dB)	[Pair 3,6]	25.1
Frequency (MHz)	[Pair 3,6]	249.0
Limit (dB)	[Pair 3,6]	31.0

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	2.9	3.7	4.7	4.1
Freq. (MHz)	178.0	170.5	250.0	178.5
Limit (dB)	37.8	38.1	35.3	37.7
Worst Pair	3,6	3,6	3,6	1,2
PS NEXT (dB)	4.9	5.2	5.1	5.8
Freq. (MHz)	178.0	171.0	250.0	219.5
Limit (dB)	35.2	35.5	32.7	33.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-1,2	1,2-4,5	4,5-1,2	1,2-4,5
ACR-F (dB)	14.4	14.4	17.8	17.7
Freq. (MHz)	4.8	4.8	250.0	250.0
Limit (dB)	50.7	50.7	16.2	16.2
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	14.8	14.8	19.0	18.6
Freq. (MHz)	1.3	1.1	250.0	250.0
Limit (dB)	59.3	60.2	13.2	13.2

N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	1,2-7,8	3,6-4,5	3,6-4,5
ACR-N (dB)	16.5	16.5	30.0	24.9
Freq. (MHz)	16.3	3.8	250.0	178.5
Limit (dB)	47.4	61.1	4.2	12.1
Worst Pair	1,2	1,2	3,6	1,2
PS ACR-N (dB)	17.5	17.3	30.4	29.3
Freq. (MHz)	4.0	13.0	250.0	219.5
Limit (dB)	58.3	47.3	1.6	4.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	1,2
RL (dB)	11.2	10.5	12.0	10.5
Freq. (MHz)	76.5	186.5	245.5	186.5
Limit (dB)	15.2	11.3	10.1	11.3

Compliant Network Standards:

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

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



54 ft

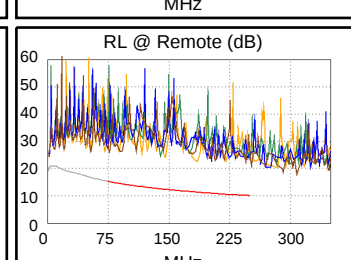
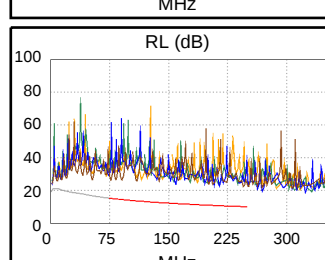
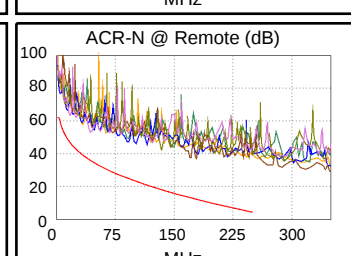
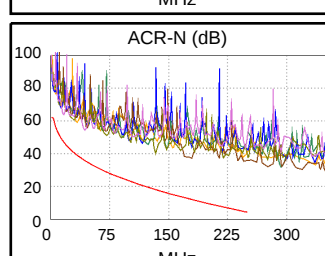
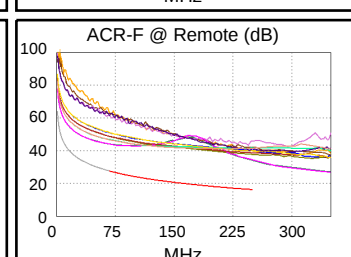
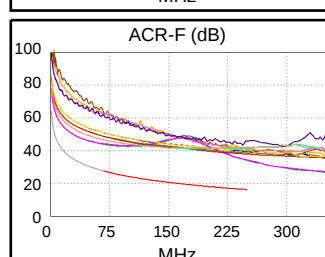
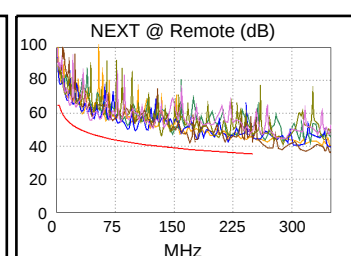
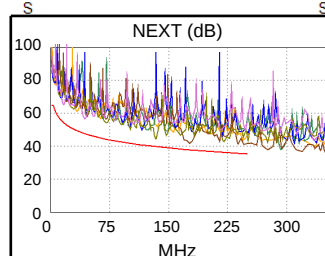
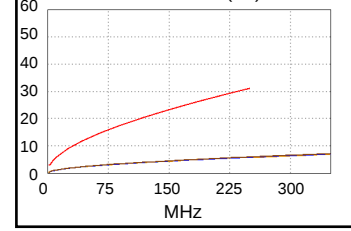


Wire Map (T568B)

PASS



Insertion Loss (dB)



LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks



Cable ID/ Test ID: 006

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 07:36:09 AM

Operator: Matt Fiske

Headroom 5.3 dB (NEXT 3,6-4,5)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	54
Prop. Delay (ns), Limit 498	[Pair 3,6]	84
Delay Skew (ns), Limit 44	[Pair 3,6]	4
Resistance (ohms)	[Pair 3,6]	2.79
Insertion Loss Margin (dB)	[Pair 3,6]	25.1
Frequency (MHz)	[Pair 3,6]	249.0
Limit (dB)	[Pair 3,6]	31.0

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	3,6-4,5	1,2-4,5	3,6-4,5
NEXT (dB)	5.6	5.3	6.7	5.4
Freq. (MHz)	68.0	219.5	250.0	220.0
Limit (dB)	44.6	36.3	35.3	36.2
Worst Pair	4,5	3,6	4,5	3,6
PS NEXT (dB)	6.0	5.4	6.4	5.4
Freq. (MHz)	68.0	219.5	238.5	219.5
Limit (dB)	42.1	33.6	33.0	33.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	4,5-3,6	3,6-4,5
ACR-F (dB)	14.2	14.2	20.6	20.6
Freq. (MHz)	4.8	10.9	250.0	250.0
Limit (dB)	50.7	43.5	16.2	16.2
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	13.7	13.5	20.5	20.8
Freq. (MHz)	1.6	1.1	250.0	250.0
Limit (dB)	57.0	60.2	13.2	13.2

N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	4,5-7,8	1,2-4,5	1,2-4,5
ACR-N (dB)	14.0	13.5	32.0	31.9
Freq. (MHz)	6.5	6.3	250.0	250.0
Limit (dB)	56.3	56.7	4.2	4.2
Worst Pair	4,5	4,5	4,5	3,6
PS ACR-N (dB)	14.4	14.1	31.0	28.9
Freq. (MHz)	6.4	6.5	238.5	219.5
Limit (dB)	54.2	54.0	2.8	4.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	1,2	4,5	1,2
RL (dB)	11.4	11.2	11.4	11.6
Freq. (MHz)	225.5	180.0	225.5	248.5
Limit (dB)	10.5	11.4	10.5	10.0

Compliant Network Standards:

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

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

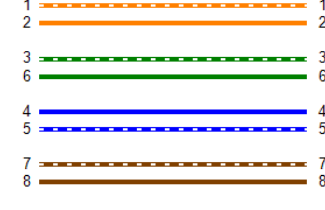


54 ft

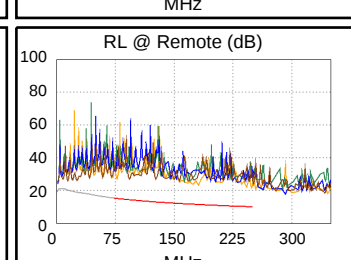
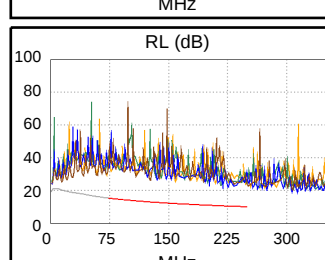
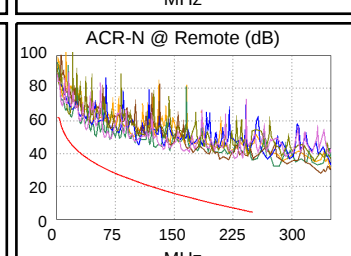
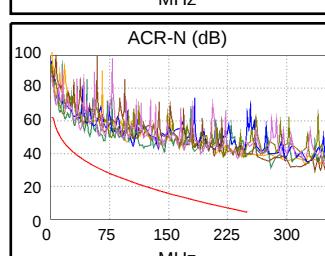
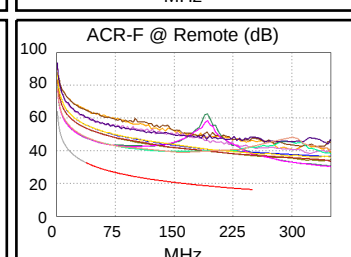
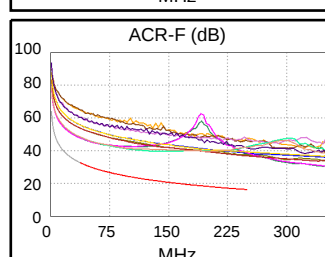
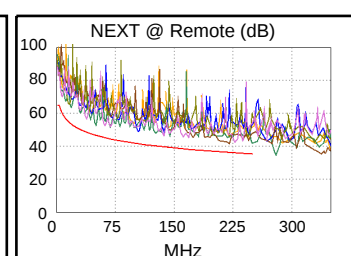
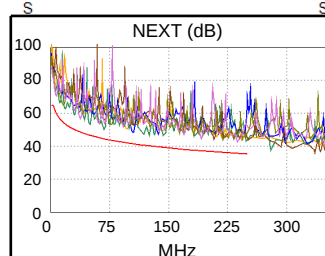
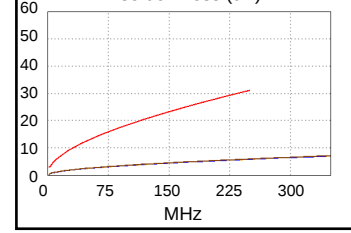


Wire Map (T568B)

PASS



Insertion Loss (dB)



LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks



Cable ID/ Test ID: 007

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 07:36:56 AM

Operator: Matt Fiske

Headroom 1.5 dB (NEXT 3,6-7,8)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	71
Prop. Delay (ns), Limit 498	[Pair 3,6]	109
Delay Skew (ns), Limit 44	[Pair 3,6]	4
Resistance (ohms)	[Pair 3,6]	3.61
Insertion Loss Margin (dB)	[Pair 7,8]	23.5
Frequency (MHz)	[Pair 7,8]	250.0
Limit (dB)	[Pair 7,8]	31.1



71 ft

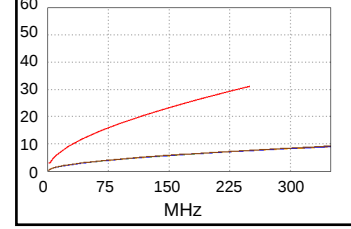


Wire Map (T568B)

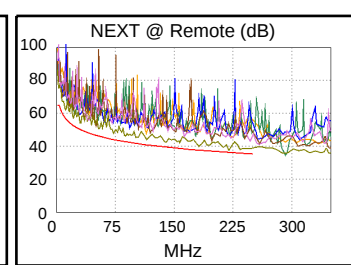
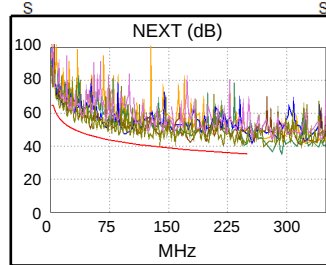
PASS



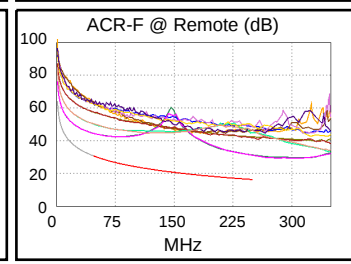
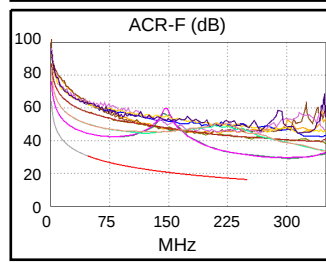
Insertion Loss (dB)



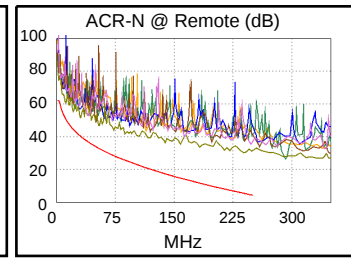
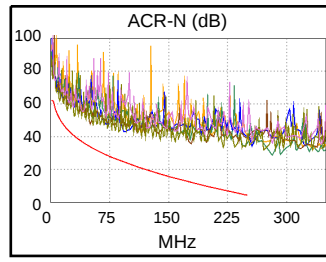
	Worst Case Margin	Worst Case Value		
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	3,6-7,8
NEXT (dB)	4.0	1.5	4.2	2.0
Freq. (MHz)	87.3	220.0	219.5	239.0
Limit (dB)	42.8	36.2	36.3	35.7
Worst Pair	3,6	7,8	1,2	7,8
PS NEXT (dB)	4.6	3.3	6.7	3.3
Freq. (MHz)	115.0	220.0	250.0	220.0
Limit (dB)	38.3	33.6	32.7	33.6



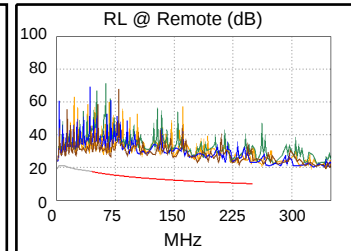
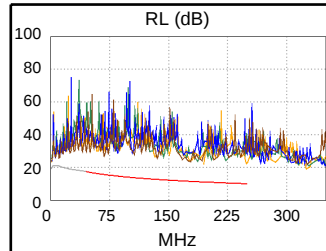
	Worst Case Margin	Worst Case Value		
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	4,5-1,2
ACR-F (dB)	12.2	12.2	14.7	14.8
Freq. (MHz)	3.3	3.3	250.0	250.0
Limit (dB)	54.0	54.0	16.2	16.2
Worst Pair	4,5	4,5	4,5	1,2
PS ACR-F (dB)	13.9	13.9	17.3	17.6
Freq. (MHz)	1.3	1.4	250.0	250.0
Limit (dB)	59.3	58.4	13.2	13.2



	Worst Case Margin	Worst Case Value		
N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	1,2-4,5	3,6-7,8
ACR-N (dB)	11.1	9.6	28.6	24.8
Freq. (MHz)	11.5	11.3	246.0	239.0
Limit (dB)	50.9	51.1	4.6	5.4
Worst Pair	3,6	3,6	1,2	7,8
PS ACR-N (dB)	12.0	11.3	30.4	27.8
Freq. (MHz)	7.3	11.3	250.0	248.0
Limit (dB)	53.0	48.8	1.6	1.8



	Worst Case Margin	Worst Case Value		
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	1,2	7,8
RL (dB)	11.0	10.4	12.2	11.4
Freq. (MHz)	68.3	68.3	249.0	233.0
Limit (dB)	15.7	15.7	10.0	10.3



Compliant Network Standards:

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

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

LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
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Cable ID/ Test ID: 008

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 07:44:26 AM

Operator: Matt Fiske

Headroom 5.1 dB (NEXT 1,2-4,5)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	71
Prop. Delay (ns), Limit 498	[Pair 3,6]	109
Delay Skew (ns), Limit 44	[Pair 3,6]	5
Resistance (ohms)	[Pair 3,6]	3.61
Insertion Loss Margin (dB)	[Pair 7,8]	23.4
Frequency (MHz)	[Pair 7,8]	250.0
Limit (dB)	[Pair 7,8]	31.1



71 ft

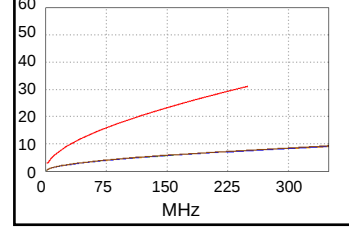


Wire Map (T568B)

PASS

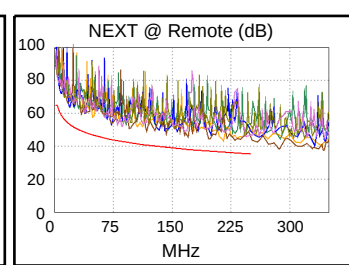
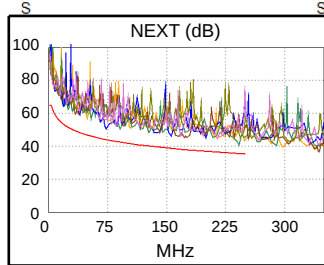


Insertion Loss (dB)

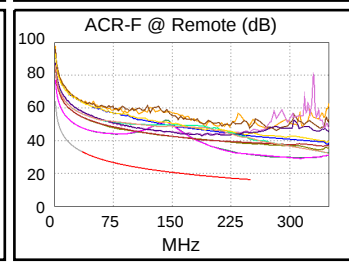
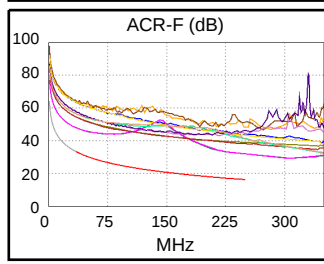


Worst Case Margin Worst Case Value

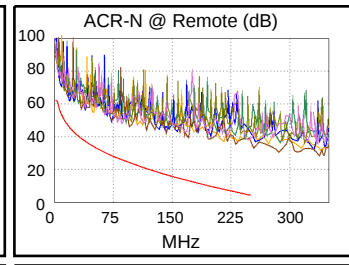
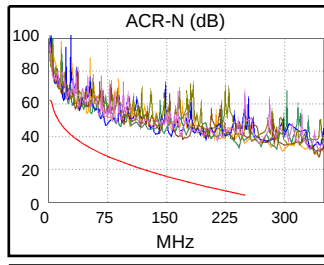
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	3,6-4,5	1,2-4,5	3,6-4,5
NEXT (dB)	5.1	6.6	5.1	6.6
Freq. (MHz)	242.5	231.5	242.5	231.5
Limit (dB)	35.6	35.9	35.6	35.9
Worst Pair	1,2	3,6	1,2	3,6
PS NEXT (dB)	7.1	7.5	7.1	7.5
Freq. (MHz)	242.0	235.5	242.0	235.5
Limit (dB)	32.9	33.1	32.9	33.1



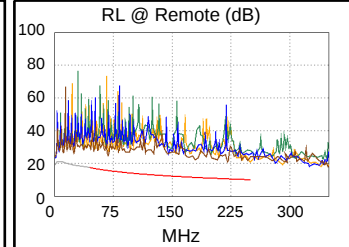
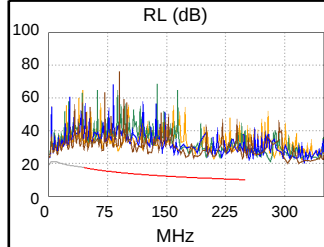
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	4,5-1,2
ACR-F (dB)	13.7	13.7	14.9	14.8
Freq. (MHz)	4.1	6.6	250.0	248.5
Limit (dB)	51.9	47.8	16.2	16.3
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	14.7	14.8	16.9	17.1
Freq. (MHz)	1.1	1.0	250.0	250.0
Limit (dB)	60.2	61.2	13.2	13.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	1,2-4,5	3,6-4,5
ACR-N (dB)	16.7	16.2	28.3	29.2
Freq. (MHz)	19.1	18.9	242.5	231.5
Limit (dB)	45.7	45.8	5.0	6.1
Worst Pair	1,2	1,2	1,2	3,6
PS ACR-N (dB)	15.9	16.5	30.2	30.2
Freq. (MHz)	19.5	19.3	242.0	235.5
Limit (dB)	43.0	43.2	2.4	3.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	1,2	1,2
RL (dB)	11.3	9.1	12.1	10.5
Freq. (MHz)	68.8	68.3	210.0	250.0
Limit (dB)	15.6	15.7	10.8	10.0



Compliant Network Standards:

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

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

LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

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Cable ID/ Test ID: 009

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 07:45:35 AM

Operator: Matt Fiske

Headroom 3.8 dB (NEXT 3,6-4,5)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	122
Prop. Delay (ns), Limit 498	[Pair 3,6]	189
Delay Skew (ns), Limit 44	[Pair 3,6]	9
Resistance (ohms)	[Pair 3,6]	6.20
Insertion Loss Margin (dB)	[Pair 7,8]	18.1
Frequency (MHz)	[Pair 7,8]	250.0
Limit (dB)	[Pair 7,8]	31.1

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-3,6	3,6-4,5	1,2-7,8
NEXT (dB)	3.8	5.4	3.8	5.8
Freq. (MHz)	175.0	108.5	175.0	216.0
Limit (dB)	37.9	41.3	37.9	36.4
Worst Pair	3,6	1,2	3,6	3,6
PS NEXT (dB)	5.4	6.6	7.3	7.2
Freq. (MHz)	175.0	111.5	245.5	246.0
Limit (dB)	35.3	38.5	32.8	32.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-1,2	1,2-4,5	4,5-7,8	4,5-7,8
ACR-F (dB)	12.4	12.4	15.0	15.1
Freq. (MHz)	4.4	4.4	250.0	250.0
Limit (dB)	51.4	51.4	16.2	16.2
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	14.0	13.8	15.4	15.4
Freq. (MHz)	3.3	1.1	250.0	250.0
Limit (dB)	51.0	60.2	13.2	13.2

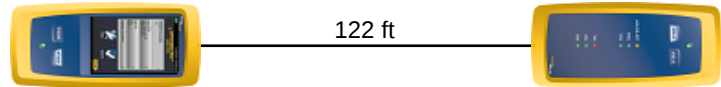
N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	3,6-7,8	1,2-3,6
ACR-N (dB)	12.0	11.3	24.4	25.1
Freq. (MHz)	3.5	3.6	245.5	246.5
Limit (dB)	61.7	61.4	4.7	4.6
Worst Pair	1,2	1,2	3,6	3,6
PS ACR-N (dB)	11.5	11.4	25.3	25.3
Freq. (MHz)	4.1	4.0	245.5	246.0
Limit (dB)	58.0	58.3	2.1	2.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	4,5
RL (dB)	8.5	8.7	12.0	10.4
Freq. (MHz)	17.3	17.3	220.0	237.0
Limit (dB)	19.8	19.8	10.6	10.3

Compliant Network Standards:

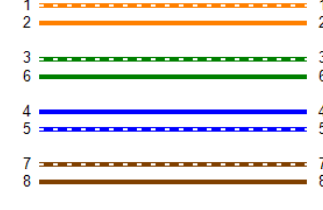
10BASE-T 100BASE-TX
1000BASE-T 2.5GBASE-T
ATM-25 ATM-51
100VG-AnyLan TR-4
TR-16 Passive

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

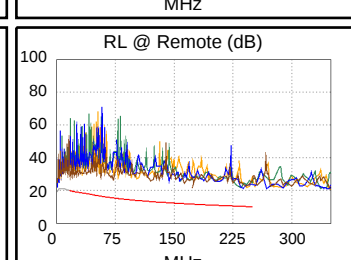
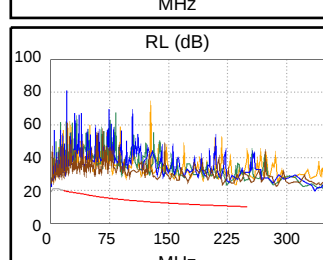
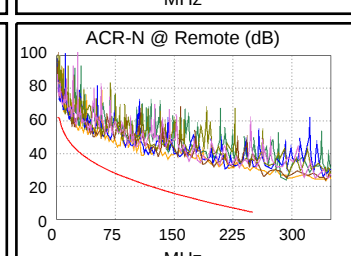
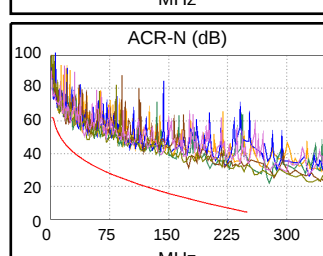
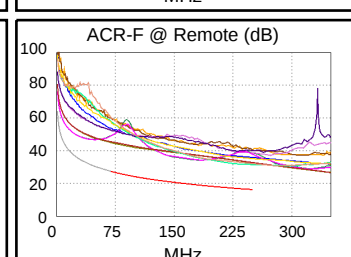
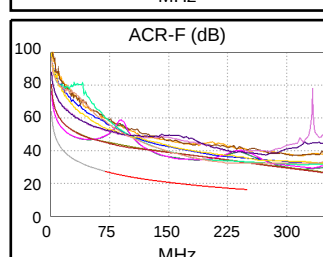
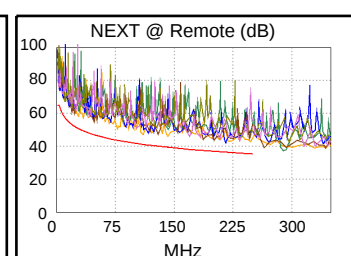
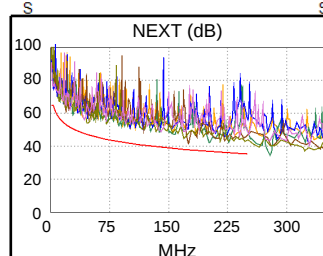
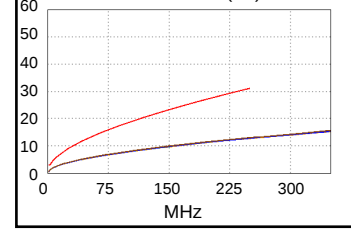


Wire Map (T568B)

PASS



Insertion Loss (dB)



LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

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Cable ID/ Test ID: 010

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 07:45:56 AM

Operator: Matt Fiske

Headroom 2.4 dB (NEXT 1,2-4,5)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	123
Prop. Delay (ns), Limit 498	[Pair 3,6]	189
Delay Skew (ns), Limit 44	[Pair 3,6]	8
Resistance (ohms)	[Pair 3,6]	6.23
Insertion Loss Margin (dB)	[Pair 3,6]	18.3
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	31.1

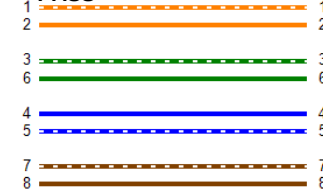


123 ft

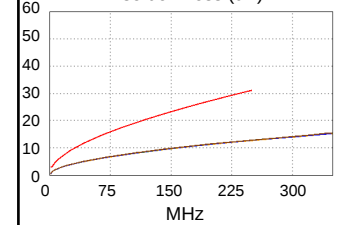


Wire Map (T568B)

PASS

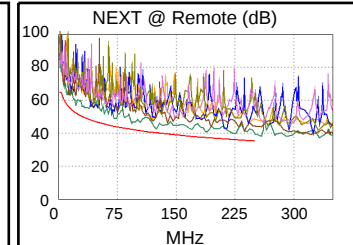
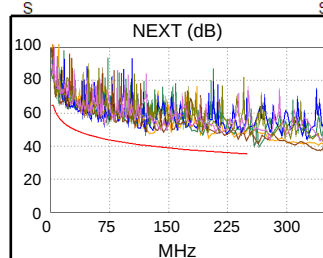


Insertion Loss (dB)

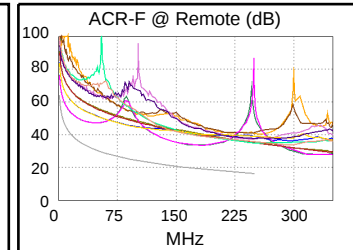
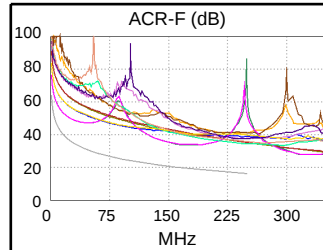


Worst Case Margin Worst Case Value

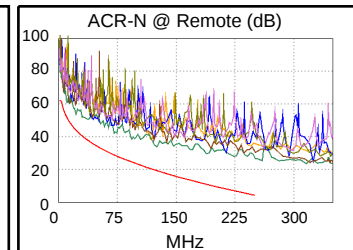
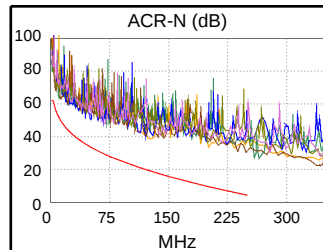
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-4,5	3,6-4,5	1,2-4,5
NEXT (dB)	7.4	2.4	7.8	3.7
Freq. (MHz)	125.0	126.0	248.5	226.0
Limit (dB)	40.3	40.2	35.4	36.1
Worst Pair	3,6	4,5	4,5	4,5
PS NEXT (dB)	7.6	3.7	8.9	4.9
Freq. (MHz)	121.5	122.5	248.5	238.0
Limit (dB)	37.9	37.8	32.7	33.1



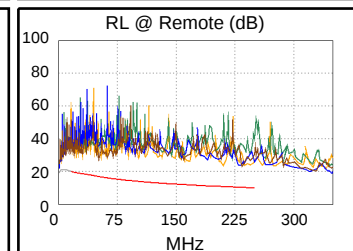
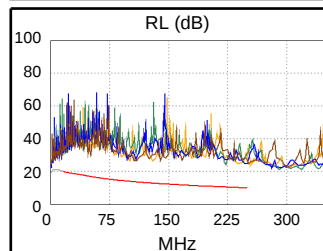
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-1,2	1,2-4,5	1,2-4,5	4,5-1,2
ACR-F (dB)	12.5	12.5	14.5	14.5
Freq. (MHz)	3.9	3.6	189.0	189.0
Limit (dB)	52.4	53.0	18.7	18.7
Worst Pair	1,2	1,2	4,5	4,5
PS ACR-F (dB)	14.3	14.3	15.7	16.6
Freq. (MHz)	1.3	1.0	189.0	209.5
Limit (dB)	59.3	61.2	15.7	14.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-4,5	3,6-4,5	1,2-4,5
ACR-N (dB)	11.4	9.3	26.1	23.6
Freq. (MHz)	6.4	10.9	248.5	250.0
Limit (dB)	56.5	51.5	4.4	4.2
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-N (dB)	11.7	10.1	27.1	22.8
Freq. (MHz)	6.4	6.6	248.5	238.0
Limit (dB)	54.2	53.8	1.8	2.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	7,8	3,6	7,8
RL (dB)	11.5	10.5	13.6	12.6
Freq. (MHz)	16.4	51.3	223.0	234.5
Limit (dB)	19.9	16.9	10.5	10.3



Compliant Network Standards:

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

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

LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks



Cable ID/ Test ID: 011

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 07:46:20 AM

Operator: Matt Fiske

Headroom 3.5 dB (NEXT 3,6-4,5)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	111
Prop. Delay (ns), Limit 498	[Pair 3,6]	172
Delay Skew (ns), Limit 44	[Pair 3,6]	8
Resistance (ohms)	[Pair 3,6]	5.59
Insertion Loss Margin (dB)	[Pair 3,6]	19.5
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	31.1

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	5.2	3.5	5.8	3.5
Freq. (MHz)	121.5	247.0	238.5	247.0
Limit (dB)	40.5	35.4	35.7	35.4
Worst Pair	1,2	4,5	3,6	4,5
PS NEXT (dB)	6.3	5.5	7.1	5.5
Freq. (MHz)	121.5	247.0	238.5	247.0
Limit (dB)	37.9	32.8	33.0	32.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-1,2	1,2-4,5	4,5-7,8	4,5-7,8
ACR-F (dB)	14.3	14.3	17.9	17.9
Freq. (MHz)	5.4	5.4	248.5	247.5
Limit (dB)	49.6	49.6	16.3	16.3
Worst Pair	4,5	4,5	7,8	7,8
PS ACR-F (dB)	16.3	16.2	18.1	18.9
Freq. (MHz)	1.6	1.5	247.5	249.0
Limit (dB)	57.0	57.7	13.3	13.3

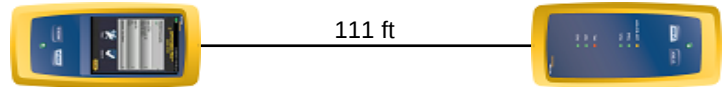
N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	3,6-4,5	3,6-4,5
ACR-N (dB)	11.9	11.8	24.9	22.9
Freq. (MHz)	14.4	13.8	238.5	247.0
Limit (dB)	48.7	49.1	5.4	4.5
Worst Pair	4,5	4,5	3,6	4,5
PS ACR-N (dB)	12.2	12.5	26.0	24.9
Freq. (MHz)	14.8	13.8	238.5	247.0
Limit (dB)	46.0	46.8	2.8	1.9

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	7,8	4,5
RL (dB)	10.6	10.5	12.1	11.2
Freq. (MHz)	21.9	44.8	233.0	214.5
Limit (dB)	19.3	17.5	10.3	10.7

Compliant Network Standards:

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

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

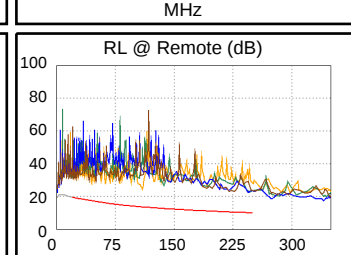
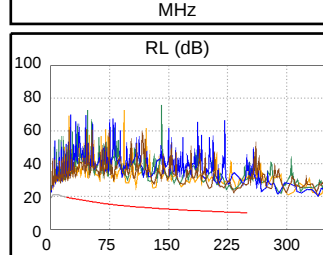
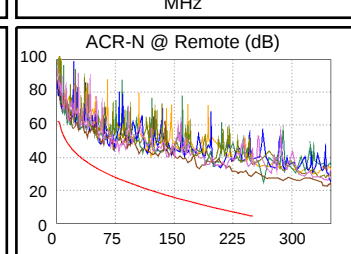
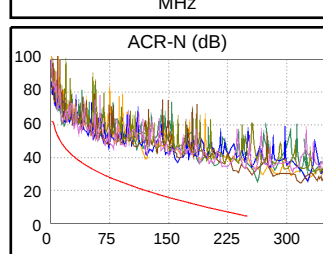
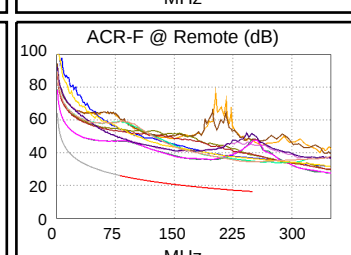
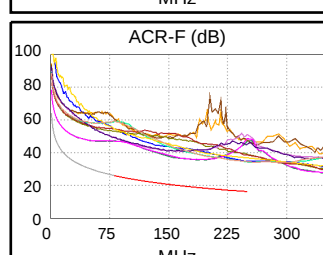
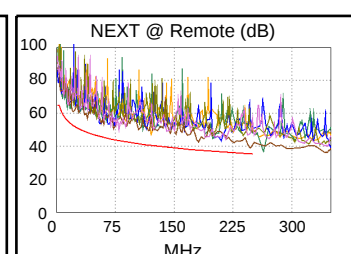
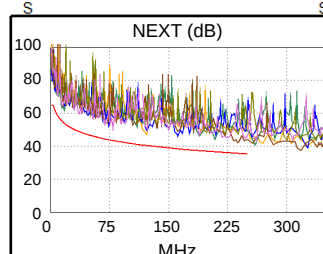
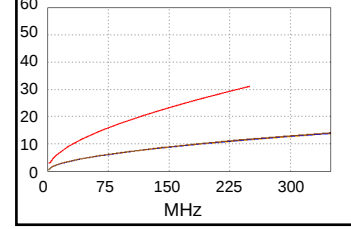


Wire Map (T568B)

PASS



Insertion Loss (dB)



LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks



Cable ID/ Test ID: 012

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 07:46:46 AM

Operator: Matt Fiske

Headroom 4.6 dB (NEXT 1,2-7,8)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	111
Prop. Delay (ns), Limit 498	[Pair 3,6]	172
Delay Skew (ns), Limit 44	[Pair 3,6]	8
Resistance (ohms)	[Pair 3,6]	5.66
Insertion Loss Margin (dB)	[Pair 7,8]	19.4
Frequency (MHz)	[Pair 7,8]	250.0
Limit (dB)	[Pair 7,8]	31.1

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-7,8	3,6-7,8	3,6-4,5
NEXT (dB)	5.6	4.6	5.6	6.5
Freq. (MHz)	208.5	27.9	208.5	250.0
Limit (dB)	36.6	50.8	36.6	35.3
Worst Pair	3,6	1,2	3,6	3,6
PS NEXT (dB)	5.8	6.4	5.8	6.4
Freq. (MHz)	214.0	28.0	214.0	244.0
Limit (dB)	33.8	48.3	33.8	32.9

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	4,5-1,2	1,2-4,5	1,2-4,5
ACR-F (dB)	13.0	13.0	13.5	13.7
Freq. (MHz)	178.5	178.5	193.0	196.5
Limit (dB)	19.2	19.2	18.5	18.3
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	15.3	15.1	15.9	15.9
Freq. (MHz)	1.3	1.3	210.0	212.0
Limit (dB)	59.3	59.3	14.7	14.7

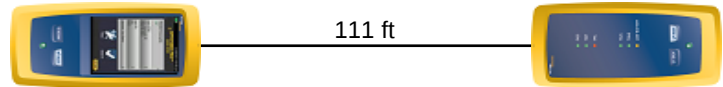
N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	3,6-7,8	3,6-4,5
ACR-N (dB)	12.0	10.3	23.0	26.0
Freq. (MHz)	3.1	27.9	208.5	250.0
Limit (dB)	61.9	41.4	8.6	4.2
Worst Pair	7,8	1,2	3,6	3,6
PS ACR-N (dB)	12.8	12.1	23.6	26.2
Freq. (MHz)	3.5	27.9	214.0	249.0
Limit (dB)	58.7	39.0	5.4	1.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	9.0	9.0	12.7	11.1
Freq. (MHz)	22.0	21.9	222.0	219.5
Limit (dB)	19.3	19.3	10.5	10.6

Compliant Network Standards:

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

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

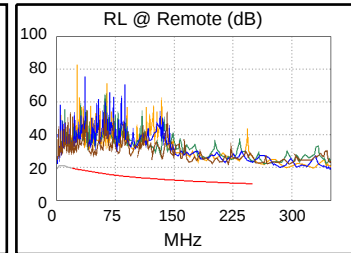
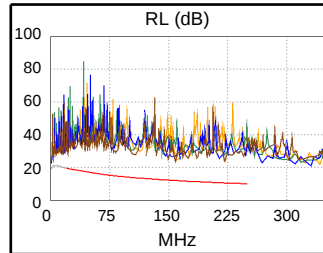
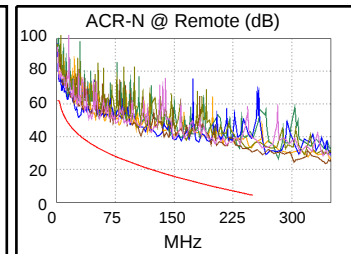
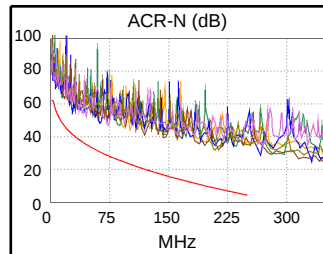
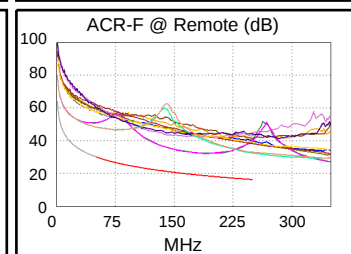
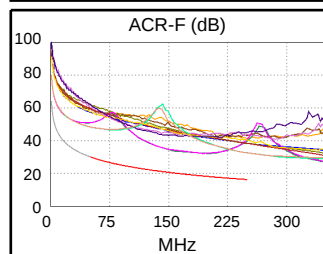
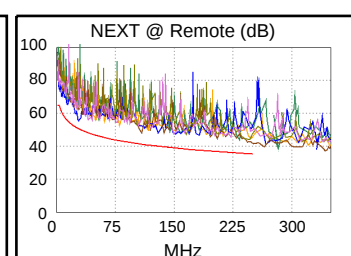
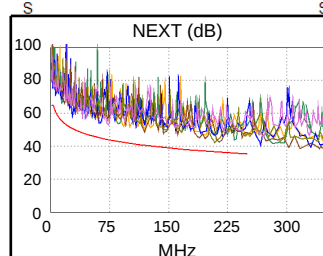
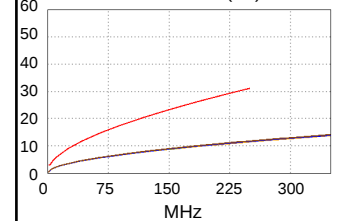


Wire Map (T568B)

PASS



Insertion Loss (dB)



LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks



Cable ID/ Test ID: 013

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 07:47:05 AM

Operator: Matt Fiske

Headroom 2.5 dB (NEXT 1,2-3,6)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	121
Prop. Delay (ns), Limit 498	[Pair 3,6]	188
Delay Skew (ns), Limit 44	[Pair 3,6]	9
Resistance (ohms)	[Pair 3,6]	6.20
Insertion Loss Margin (dB)	[Pair 3,6]	18.4
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	31.1

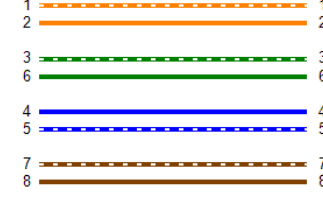


121 ft

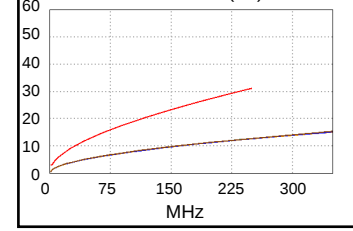


Wire Map (T568B)

PASS

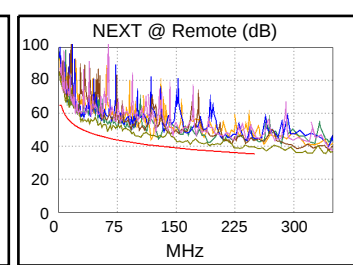
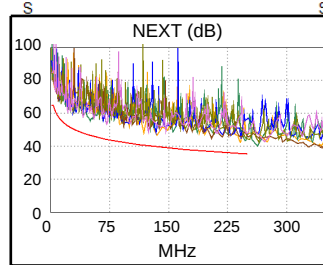


Insertion Loss (dB)

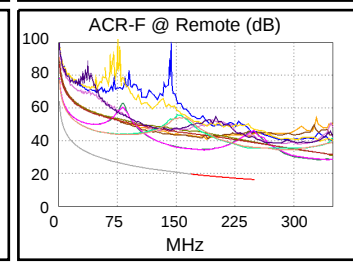
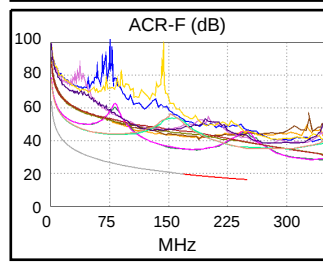


Worst Case Margin Worst Case Value

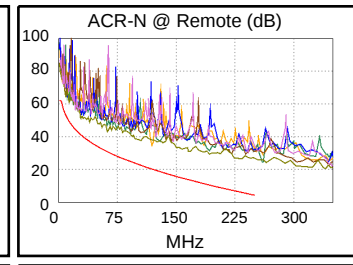
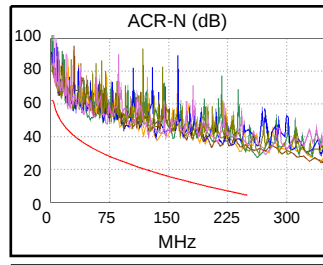
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	3,6-7,8
NEXT (dB)	6.7	2.5	6.7	2.5
Freq. (MHz)	241.5	119.0	241.5	229.5
Limit (dB)	35.6	40.6	35.6	35.9
Worst Pair	1,2	3,6	1,2	3,6
PS NEXT (dB)	7.2	3.4	7.2	4.0
Freq. (MHz)	242.0	119.0	242.0	250.0
Limit (dB)	32.9	38.1	32.9	32.7



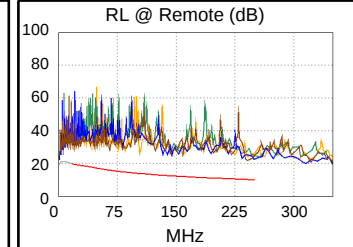
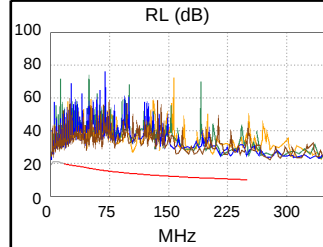
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	4,5-7,8	1,2-4,5	4,5-1,2
ACR-F (dB)	13.8	13.8	15.4	15.2
Freq. (MHz)	6.0	5.8	189.5	189.0
Limit (dB)	48.6	49.0	18.6	18.7
Worst Pair	4,5	4,5	4,5	1,2
PS ACR-F (dB)	13.5	13.6	17.5	17.6
Freq. (MHz)	1.0	1.3	189.5	189.5
Limit (dB)	61.2	59.3	15.6	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-7,8	1,2-3,6	3,6-7,8
ACR-N (dB)	12.7	10.0	24.8	21.8
Freq. (MHz)	10.0	28.4	241.5	250.0
Limit (dB)	52.3	41.2	5.1	4.2
Worst Pair	4,5	7,8	1,2	3,6
PS ACR-N (dB)	13.0	10.0	25.4	22.4
Freq. (MHz)	10.5	28.8	242.0	250.0
Limit (dB)	49.5	38.6	2.4	1.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	7,8	4,5	7,8
RL (dB)	10.5	9.9	13.8	11.6
Freq. (MHz)	19.3	20.0	232.0	241.0
Limit (dB)	19.6	19.5	10.3	10.2



Compliant Network Standards:

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

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

LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks



Cable ID/ Test ID: 014

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 07:47:21 AM

Operator: Matt Fiske

Headroom 3.0 dB (NEXT 1,2-4,5)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	121
Prop. Delay (ns), Limit 498	[Pair 3,6]	188
Delay Skew (ns), Limit 44	[Pair 3,6]	9
Resistance (ohms)	[Pair 3,6]	6.16
Insertion Loss Margin (dB)	[Pair 3,6]	18.4
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	31.1



121 ft

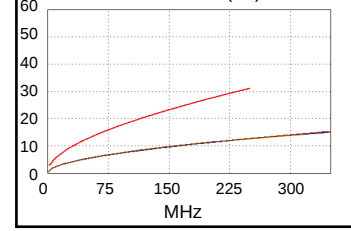


Wire Map (T568B)

PASS

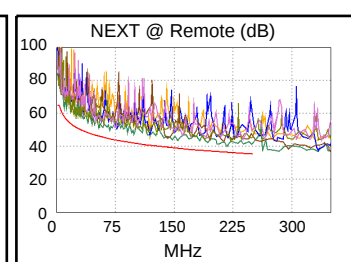
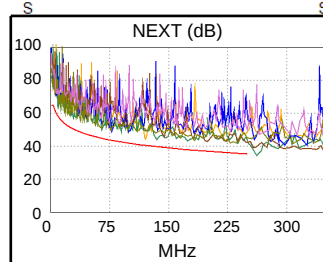


Insertion Loss (dB)

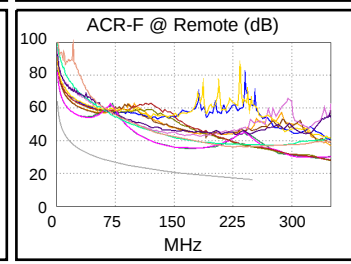
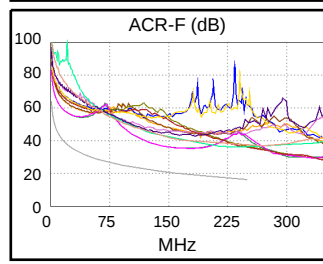


Worst Case Margin Worst Case Value

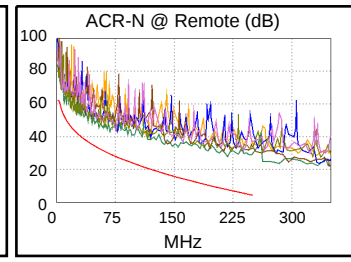
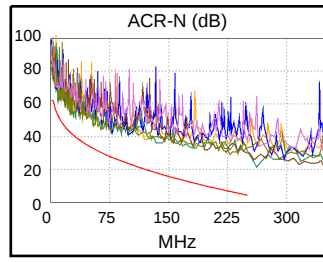
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	3,6-7,8	1,2-4,5
NEXT (dB)	3.7	3.0	5.2	3.0
Freq. (MHz)	134.5	218.5	228.0	218.5
Limit (dB)	39.7	36.3	36.0	36.3
Worst Pair	3,6	1,2	3,6	1,2
PS NEXT (dB)	5.0	4.4	6.0	4.4
Freq. (MHz)	120.5	218.5	239.0	218.5
Limit (dB)	38.0	33.7	33.0	33.7



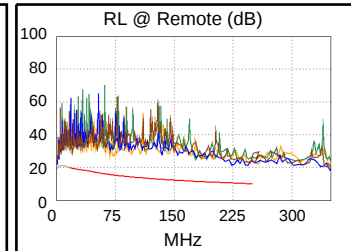
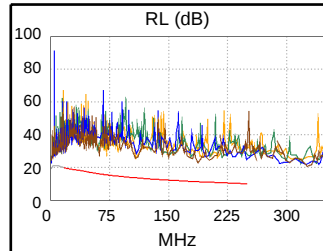
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	4,5-1,2	1,2-4,5
ACR-F (dB)	15.2	15.1	16.0	16.2
Freq. (MHz)	153.5	159.0	179.5	183.5
Limit (dB)	20.5	20.2	19.1	18.9
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	17.1	17.1	19.6	19.6
Freq. (MHz)	159.0	168.5	250.0	250.0
Limit (dB)	17.2	16.7	13.2	13.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	3,6-4,5	1,2-4,5
ACR-N (dB)	8.2	8.2	24.6	20.2
Freq. (MHz)	9.5	9.8	250.0	218.5
Limit (dB)	52.8	52.5	4.2	7.5
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-N (dB)	10.0	9.7	24.9	23.2
Freq. (MHz)	9.6	9.8	250.0	238.5
Limit (dB)	50.3	50.2	1.6	2.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	4,5
RL (dB)	10.4	8.9	11.6	10.7
Freq. (MHz)	20.1	20.1	187.5	242.0
Limit (dB)	19.5	19.5	11.3	10.2



Compliant Network Standards:

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

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

LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks



Cable ID/ Test ID: 015

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 07:47:39 AM

Operator: Matt Fiske

Headroom 2.5 dB (NEXT 3,6-4,5)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	126
Prop. Delay (ns), Limit 498	[Pair 3,6]	194
Delay Skew (ns), Limit 44	[Pair 3,6]	9
Resistance (ohms)	[Pair 3,6]	6.41
Insertion Loss Margin (dB)	[Pair 3,6]	18.0
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	31.1



126 ft

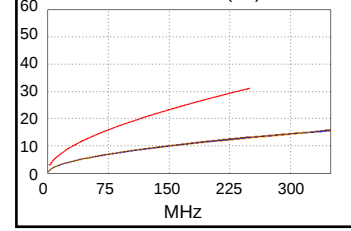


Wire Map (T568B)

PASS

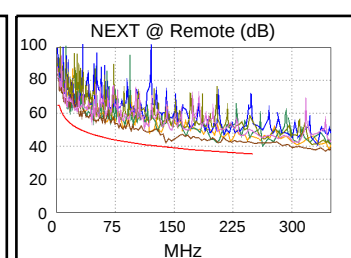
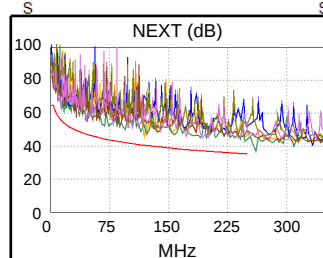


Insertion Loss (dB)

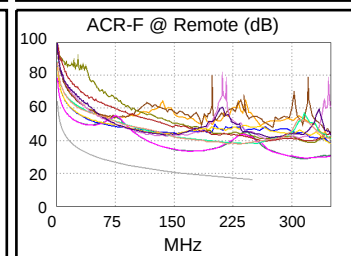
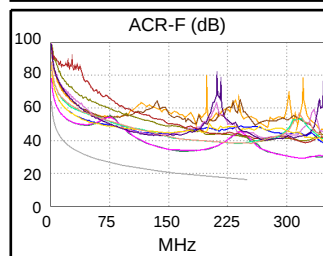


Worst Case Margin Worst Case Value

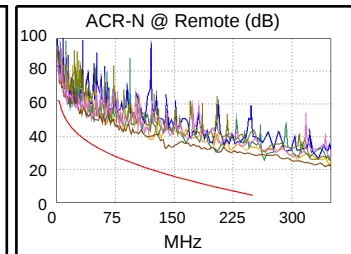
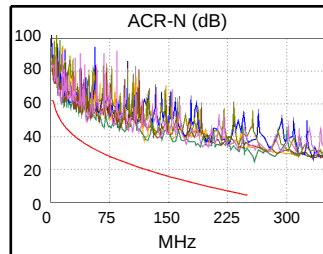
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	1,2-4,5	3,6-4,5
NEXT (dB)	5.4	2.5	7.6	6.2
Freq. (MHz)	119.0	139.0	247.5	246.5
Limit (dB)	40.6	39.5	35.4	35.4
Worst Pair	1,2	4,5	4,5	4,5
PS NEXT (dB)	6.4	4.6	6.8	5.1
Freq. (MHz)	123.0	139.0	240.0	209.0
Limit (dB)	37.8	36.9	33.0	34.0



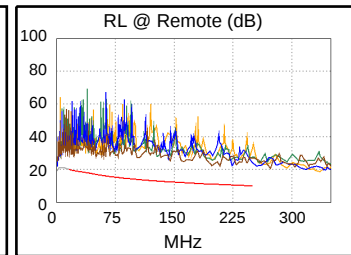
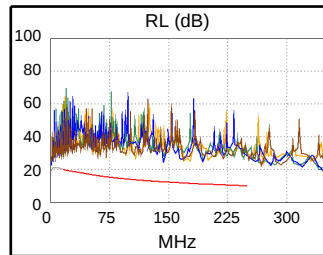
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	4,5-1,2
ACR-F (dB)	13.7	13.8	13.8	14.2
Freq. (MHz)	168.5	164.5	170.0	175.5
Limit (dB)	19.7	19.9	19.6	19.3
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	15.9	16.0	16.6	16.8
Freq. (MHz)	168.5	164.5	184.0	187.0
Limit (dB)	16.7	16.9	15.9	15.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	3,6-4,5
ACR-N (dB)	10.8	10.4	25.6	24.1
Freq. (MHz)	13.9	13.9	247.5	246.5
Limit (dB)	49.0	49.0	4.5	4.6
Worst Pair	4,5	4,5	4,5	3,6
PS ACR-N (dB)	10.4	9.6	24.5	24.4
Freq. (MHz)	13.6	13.6	240.0	243.0
Limit (dB)	46.9	46.9	2.6	2.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	7,8
RL (dB)	9.3	8.6	12.2	11.3
Freq. (MHz)	16.6	22.0	144.0	208.5
Limit (dB)	19.9	19.3	12.4	10.8



Compliant Network Standards:

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

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

LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks®



Cable ID/ Test ID: 016

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 07:47:54 AM

Operator: Matt Fiske

Headroom 3.1 dB (NEXT 3,6-7,8)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	128
Prop. Delay (ns), Limit 498	[Pair 3,6]	198
Delay Skew (ns), Limit 44	[Pair 3,6]	9
Resistance (ohms)	[Pair 3,6]	6.48
Insertion Loss Margin (dB)	[Pair 7,8]	17.6
Frequency (MHz)	[Pair 7,8]	250.0
Limit (dB)	[Pair 7,8]	31.1

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-4,5	3,6-7,8	1,2-4,5
NEXT (dB)	3.1	3.6	4.3	3.6
Freq. (MHz)	136.0	236.0	248.5	236.0
Limit (dB)	39.7	35.7	35.4	35.7
Worst Pair	3,6	1,2	3,6	4,5
PS NEXT (dB)	4.5	5.6	5.6	5.6
Freq. (MHz)	183.0	202.5	248.5	236.5
Limit (dB)	35.0	34.2	32.7	33.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-1,2	1,2-4,5	1,2-4,5	1,2-4,5
ACR-F (dB)	11.2	11.2	13.5	14.0
Freq. (MHz)	3.3	3.0	168.0	179.0
Limit (dB)	54.0	54.6	19.7	19.1
Worst Pair	4,5	4,5	7,8	7,8
PS ACR-F (dB)	12.5	12.4	17.9	18.1
Freq. (MHz)	1.6	1.4	248.5	249.5
Limit (dB)	57.0	58.4	13.3	13.2

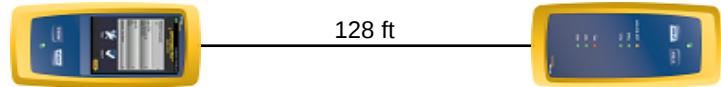
N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-4,5	3,6-7,8	1,2-4,5
ACR-N (dB)	11.2	10.8	21.8	20.8
Freq. (MHz)	6.5	15.0	248.5	236.0
Limit (dB)	56.3	48.2	4.4	5.7
Worst Pair	7,8	1,2	3,6	4,5
PS ACR-N (dB)	12.6	10.9	23.2	23.8
Freq. (MHz)	6.5	10.3	248.5	248.0
Limit (dB)	54.0	49.7	1.8	1.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	1,2	7,8
RL (dB)	6.6	7.3	12.6	9.3
Freq. (MHz)	14.0	14.0	202.0	156.5
Limit (dB)	20.3	20.3	10.9	12.1

Compliant Network Standards:

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

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

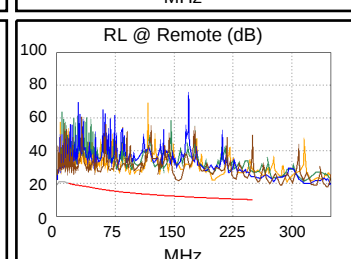
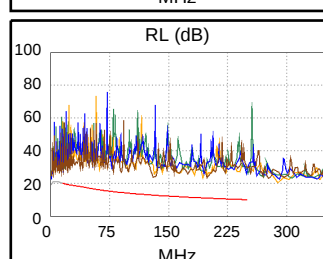
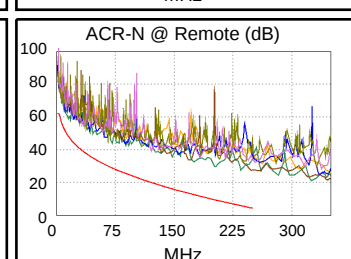
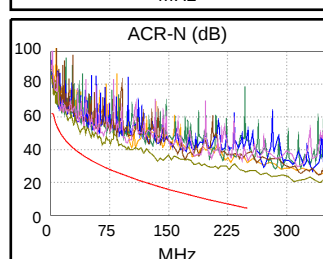
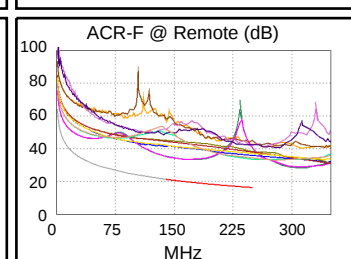
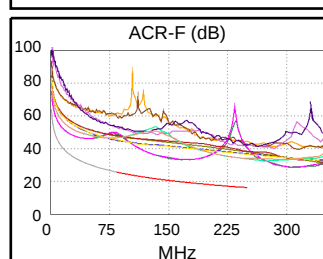
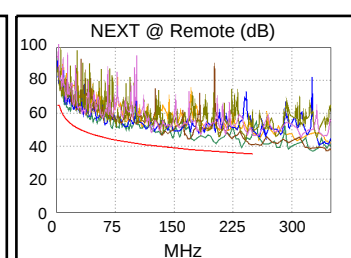
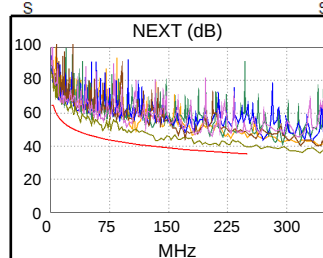
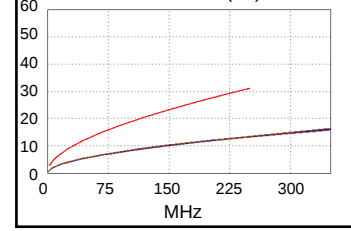


Wire Map (T568B)

PASS



Insertion Loss (dB)



LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks®



Cable ID/ Test ID: 017

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 07:49:15 AM

Operator: Matt Fiske

Headroom 3.5 dB (NEXT 1,2-4,5)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	107
Prop. Delay (ns), Limit 498	[Pair 3,6]	166
Delay Skew (ns), Limit 44	[Pair 3,6]	8
Resistance (ohms)	[Pair 3,6]	5.48
Insertion Loss Margin (dB)	[Pair 7,8]	19.8
Frequency (MHz)	[Pair 7,8]	250.0
Limit (dB)	[Pair 7,8]	31.1



107 ft

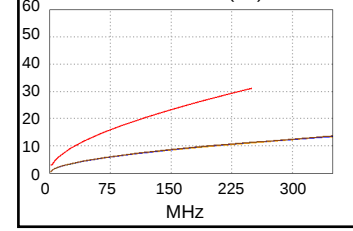


Wire Map (T568B)

PASS

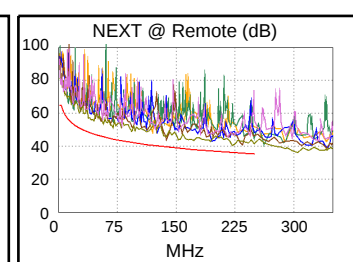
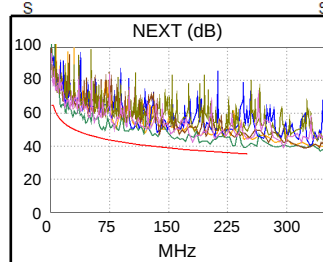


Insertion Loss (dB)

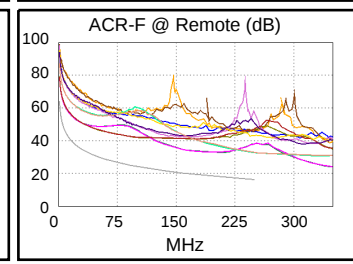
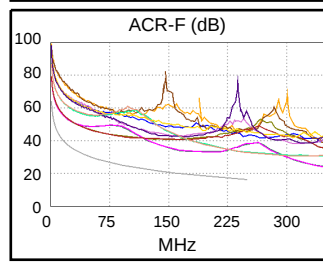


Worst Case Margin Worst Case Value

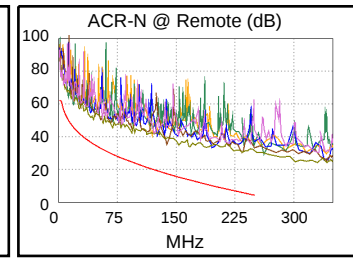
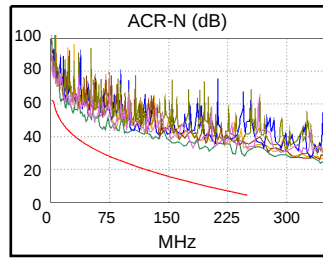
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	3,6-4,5	1,2-4,5	3,6-7,8
NEXT (dB)	3.5	3.8	3.5	4.3
Freq. (MHz)	248.0	138.0	248.0	221.5
Limit (dB)	35.4	39.6	35.4	36.2
Worst Pair	4,5	3,6	4,5	3,6
PS NEXT (dB)	4.9	4.4	4.9	4.5
Freq. (MHz)	246.5	138.0	246.5	234.0
Limit (dB)	32.8	37.0	32.8	33.2



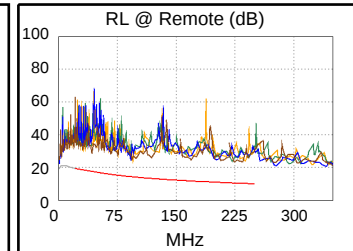
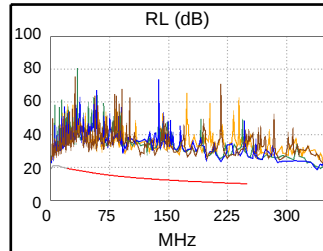
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	1,2-4,5
ACR-F (dB)	14.0	14.1	14.4	14.5
Freq. (MHz)	174.5	178.5	202.5	202.5
Limit (dB)	19.4	19.2	18.1	18.1
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	14.5	14.4	15.9	16.1
Freq. (MHz)	1.6	2.4	203.0	209.0
Limit (dB)	57.0	53.7	15.0	14.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	3,6-7,8
ACR-N (dB)	11.6	13.7	23.4	22.7
Freq. (MHz)	19.1	19.1	248.0	221.5
Limit (dB)	45.7	45.7	4.4	7.2
Worst Pair	4,5	1,2	4,5	3,6
PS ACR-N (dB)	12.4	14.3	24.6	23.7
Freq. (MHz)	19.1	19.1	246.5	234.0
Limit (dB)	43.3	43.3	2.0	3.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	7,8
RL (dB)	12.5	9.6	12.7	12.6
Freq. (MHz)	20.0	95.0	216.0	232.5
Limit (dB)	19.5	14.2	10.7	10.3



Compliant Network Standards:

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

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

LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

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networks



Cable ID/ Test ID: 018

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 07:49:31 AM

Operator: Matt Fiske

Headroom 1.7 dB (NEXT 1,2-4,5)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	108
Prop. Delay (ns), Limit 498	[Pair 3,6]	166
Delay Skew (ns), Limit 44	[Pair 3,6]	7
Resistance (ohms)	[Pair 3,6]	5.48
Insertion Loss Margin (dB)	[Pair 3,6]	19.8
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	31.1



108 ft

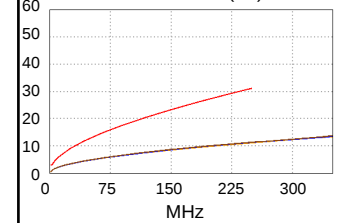


Wire Map (T568B)

PASS

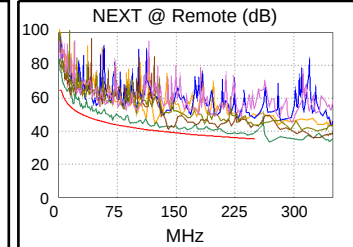
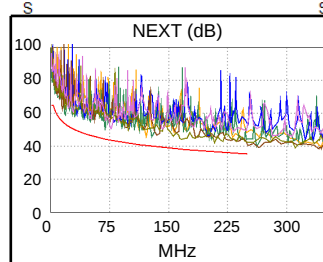


Insertion Loss (dB)

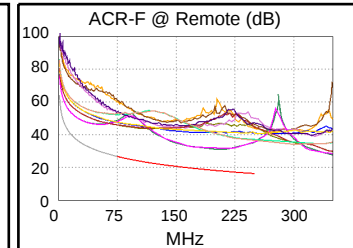
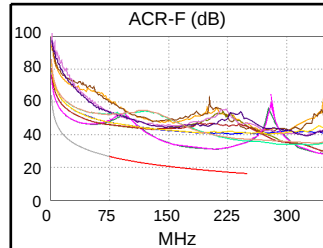


Worst Case Margin Worst Case Value

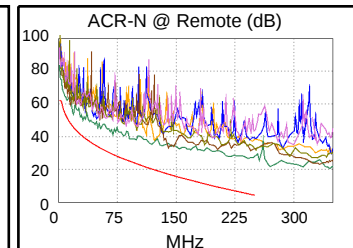
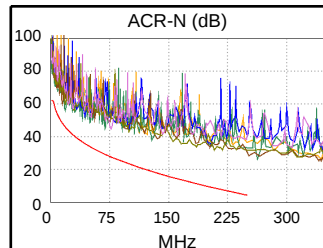
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-4,5	3,6-4,5	1,2-4,5
NEXT (dB)	5.4	1.7	5.9	2.0
Freq. (MHz)	121.5	232.5	250.0	246.5
Limit (dB)	40.5	35.9	35.3	35.4
Worst Pair	3,6	4,5	3,6	4,5
PS NEXT (dB)	5.6	2.6	5.6	3.3
Freq. (MHz)	249.0	140.0	249.0	246.0
Limit (dB)	32.7	36.9	32.7	32.8



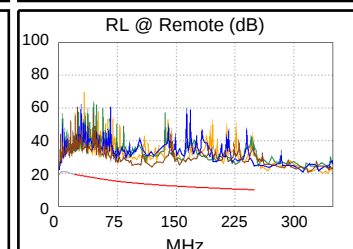
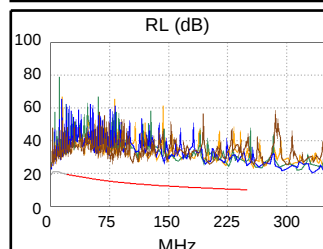
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	1,2-4,5
ACR-F (dB)	12.7	12.8	12.9	13.1
Freq. (MHz)	202.0	4.5	205.5	208.5
Limit (dB)	18.1	51.1	17.9	17.8
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	13.5	13.8	15.4	15.5
Freq. (MHz)	1.0	2.4	205.5	208.5
Limit (dB)	61.2	53.7	14.9	14.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	3,6-4,5	1,2-4,5
ACR-N (dB)	10.2	7.8	25.8	21.7
Freq. (MHz)	18.5	18.8	250.0	246.5
Limit (dB)	46.0	45.9	4.2	4.6
Worst Pair	4,5	4,5	3,6	4,5
PS ACR-N (dB)	11.4	9.2	25.4	23.0
Freq. (MHz)	18.4	18.4	249.5	246.0
Limit (dB)	43.7	43.7	1.7	2.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	3,6	7,8
RL (dB)	12.5	10.4	14.0	10.4
Freq. (MHz)	105.0	118.5	226.5	118.5
Limit (dB)	13.8	13.3	10.4	13.3



Compliant Network Standards:

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

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

LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks



Cable ID/ Test ID: 019

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 07:50:01 AM

Operator: Matt Fiske

Headroom 1.9 dB (NEXT 1,2-3,6)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	113
Prop. Delay (ns), Limit 498	[Pair 3,6]	175
Delay Skew (ns), Limit 44	[Pair 3,6]	9
Resistance (ohms)	[Pair 3,6]	5.73
Insertion Loss Margin (dB)	[Pair 7,8]	19.2
Frequency (MHz)	[Pair 7,8]	250.0
Limit (dB)	[Pair 7,8]	31.1

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	3,6-7,8
NEXT (dB)	1.9	2.7	4.7	3.4
Freq. (MHz)	116.0	180.5	231.0	249.0
Limit (dB)	40.8	37.7	35.9	35.4
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	3.0	3.7	5.3	3.7
Freq. (MHz)	115.5	249.0	231.5	249.0
Limit (dB)	38.3	32.7	33.3	32.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-1,2	1,2-4,5	4,5-7,8	1,2-4,5
ACR-F (dB)	13.5	13.5	17.7	15.5
Freq. (MHz)	4.1	4.1	249.0	189.5
Limit (dB)	51.9	51.9	16.3	18.6
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	13.1	13.1	17.0	17.2
Freq. (MHz)	1.3	1.1	208.0	217.0
Limit (dB)	59.3	60.2	14.8	14.5

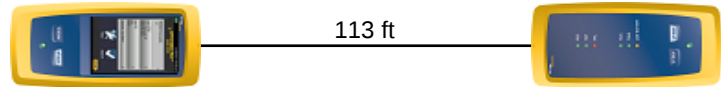
N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-7,8	3,6-7,8	3,6-7,8
ACR-N (dB)	10.9	11.3	23.0	22.6
Freq. (MHz)	7.1	20.6	231.0	249.0
Limit (dB)	55.5	44.8	6.2	4.3
Worst Pair	4,5	7,8	3,6	3,6
PS ACR-N (dB)	12.8	13.0	23.8	22.9
Freq. (MHz)	7.1	17.8	231.5	249.0
Limit (dB)	53.1	44.1	3.5	1.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	1,2
RL (dB)	9.0	8.7	13.7	10.3
Freq. (MHz)	18.6	149.0	223.0	247.0
Limit (dB)	19.6	12.3	10.5	10.1

Compliant Network Standards:

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

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

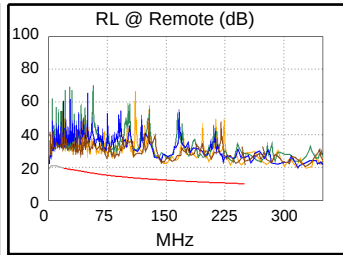
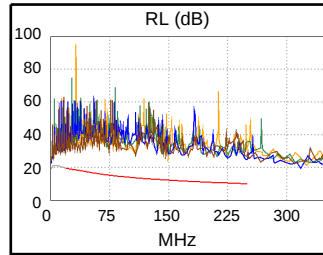
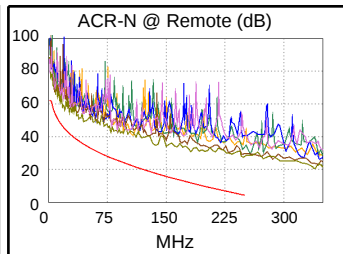
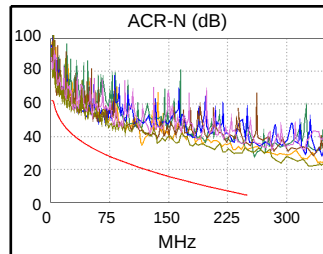
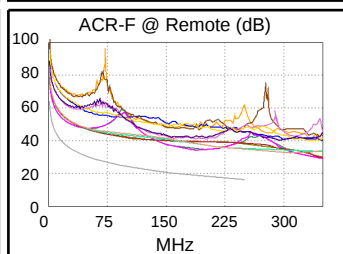
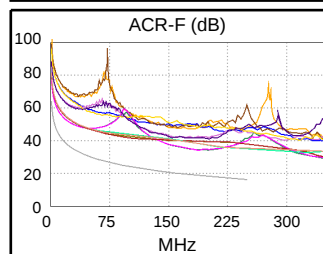
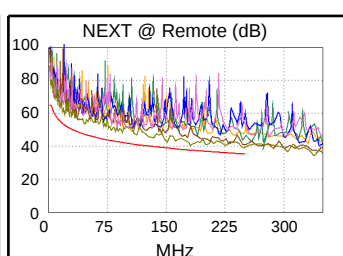
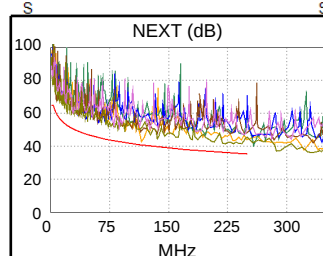
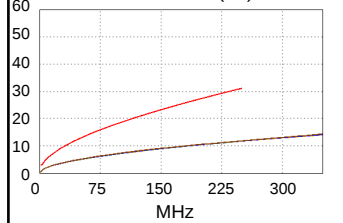


Wire Map (T568B)

PASS



Insertion Loss (dB)



LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks



Cable ID/ Test ID: 020

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 07:50:22 AM

Operator: Matt Fiske

Headroom 2.9 dB (NEXT 3,6-7,8)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	113
Prop. Delay (ns), Limit 498	[Pair 3,6]	174
Delay Skew (ns), Limit 44	[Pair 3,6]	8
Resistance (ohms)	[Pair 3,6]	5.70
Insertion Loss Margin (dB)	[Pair 7,8]	19.2
Frequency (MHz)	[Pair 7,8]	250.0
Limit (dB)	[Pair 7,8]	31.1



113 ft

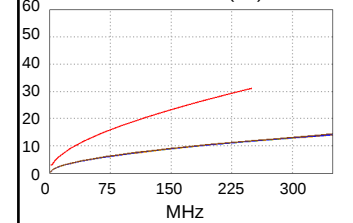


Wire Map (T568B)

PASS

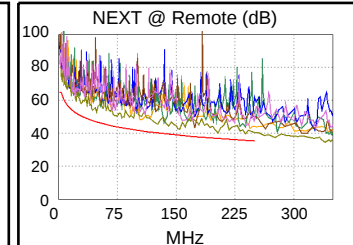
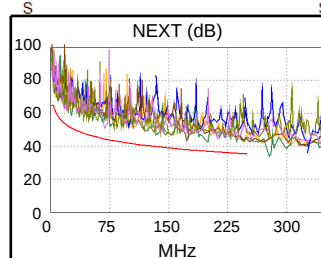


Insertion Loss (dB)

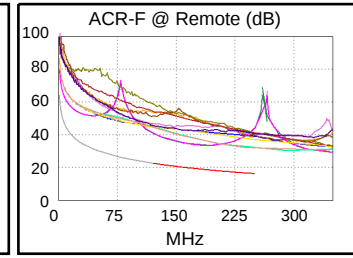
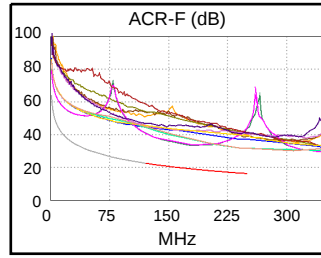


Worst Case Margin Worst Case Value

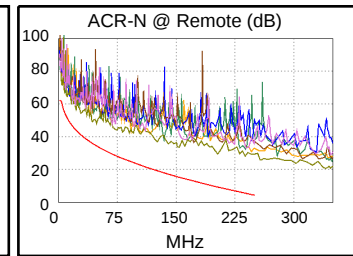
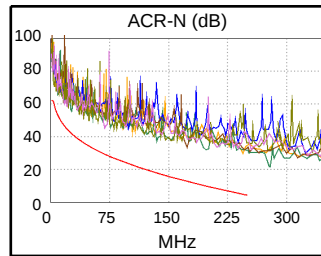
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	3,6-7,8	1,2-3,6	3,6-7,8
NEXT (dB)	5.2	2.9	5.9	3.9
Freq. (MHz)	198.0	152.5	244.5	238.5
Limit (dB)	37.0	38.9	35.5	35.7
Worst Pair	1,2	3,6	1,2	3,6
PS NEXT (dB)	5.9	5.0	5.9	5.2
Freq. (MHz)	244.5	203.0	244.5	238.5
Limit (dB)	32.9	34.2	32.9	33.0



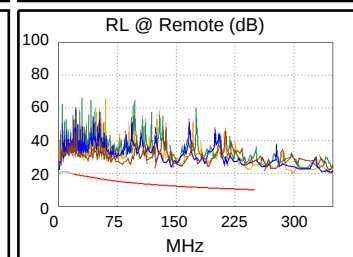
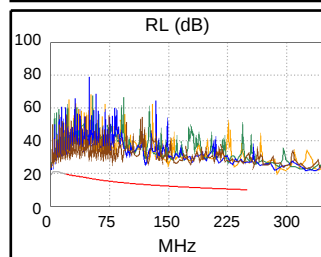
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	4,5-1,2	4,5-7,8	4,5-7,8
ACR-F (dB)	14.3	14.4	15.5	15.0
Freq. (MHz)	174.5	176.5	250.0	242.0
Limit (dB)	19.4	19.3	16.2	16.5
Worst Pair	4,5	4,5	7,8	7,8
PS ACR-F (dB)	15.7	15.8	17.0	16.8
Freq. (MHz)	188.5	195.5	250.0	242.5
Limit (dB)	15.7	15.4	13.2	13.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	1,2-3,6	3,6-7,8
ACR-N (dB)	11.1	10.6	25.0	22.5
Freq. (MHz)	4.1	4.0	244.5	238.5
Limit (dB)	60.3	60.6	4.8	5.4
Worst Pair	7,8	7,8	1,2	3,6
PS ACR-N (dB)	12.6	12.3	25.1	25.0
Freq. (MHz)	4.0	4.0	244.5	250.0
Limit (dB)	58.3	58.3	2.2	1.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	1,2	1,2
RL (dB)	9.4	9.7	13.7	12.1
Freq. (MHz)	18.5	37.8	233.5	242.0
Limit (dB)	19.7	18.1	10.3	10.2



Compliant Network Standards:

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

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

LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks



Cable ID/ Test ID: 021

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 07:50:44 AM

Operator: Matt Fiske

Headroom 1.1 dB (NEXT 1,2-4,5)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	121
Prop. Delay (ns), Limit 498	[Pair 3,6]	188
Delay Skew (ns), Limit 44	[Pair 3,6]	9
Resistance (ohms)	[Pair 3,6]	6.20
Insertion Loss Margin (dB)	[Pair 7,8]	18.4
Frequency (MHz)	[Pair 7,8]	250.0
Limit (dB)	[Pair 7,8]	31.1

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	4,5-7,8	1,2-4,5	4,5-7,8
NEXT (dB)	1.1	3.3	1.1	4.4
Freq. (MHz)	232.0	41.0	232.0	229.5
Limit (dB)	35.9	48.1	35.9	35.9
Worst Pair	4,5	4,5	4,5	4,5
PS NEXT (dB)	3.5	5.1	3.6	5.8
Freq. (MHz)	231.5	177.5	232.0	226.5
Limit (dB)	33.3	35.2	33.2	33.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-1,2	1,2-4,5	3,6-4,5	4,5-3,6
ACR-F (dB)	12.4	12.4	16.2	16.2
Freq. (MHz)	4.4	3.8	250.0	250.0
Limit (dB)	51.4	52.7	16.2	16.2
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	13.6	13.5	17.5	18.1
Freq. (MHz)	1.3	2.0	250.0	250.0
Limit (dB)	59.3	55.2	13.2	13.2

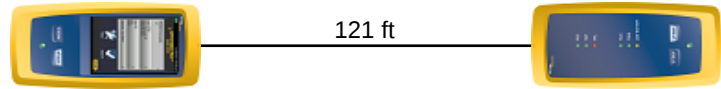
N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	4,5-7,8	1,2-4,5	4,5-7,8
ACR-N (dB)	9.3	9.9	19.0	21.8
Freq. (MHz)	6.3	41.0	232.5	229.5
Limit (dB)	56.7	36.6	6.0	6.3
Worst Pair	7,8	7,8	3,6	4,5
PS ACR-N (dB)	10.0	11.3	22.8	23.3
Freq. (MHz)	6.0	6.1	250.0	226.5
Limit (dB)	54.7	54.5	1.6	4.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	1,2	7,8
RL (dB)	11.1	10.4	12.9	11.6
Freq. (MHz)	17.4	54.3	212.0	241.0
Limit (dB)	19.8	16.7	10.7	10.2

Compliant Network Standards:

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

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

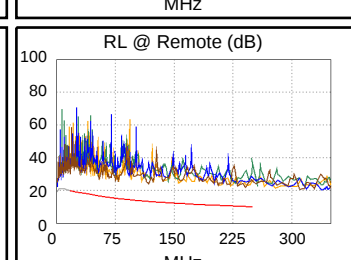
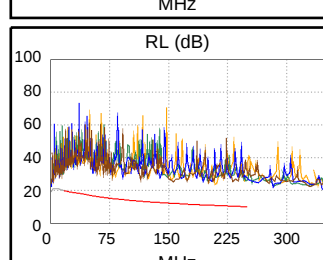
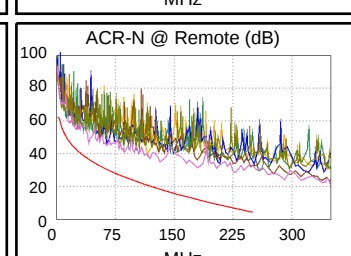
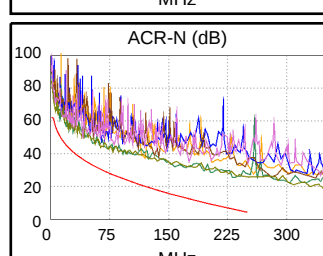
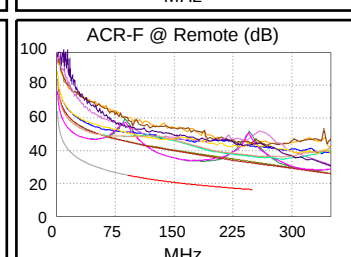
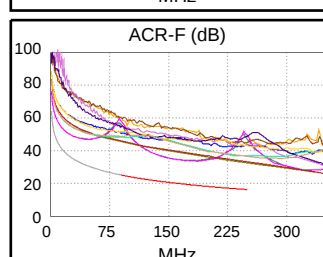
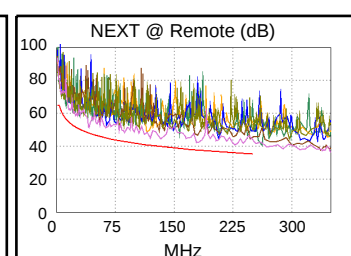
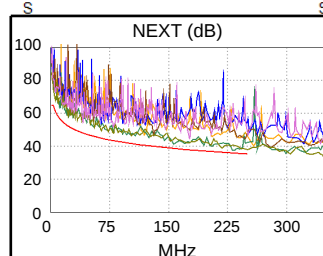
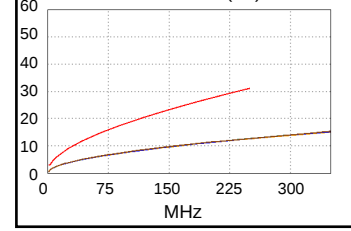


Wire Map (T568B)

PASS



Insertion Loss (dB)



LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks



Cable ID/ Test ID: 022

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 07:51:03 AM

Operator: Matt Fiske

Headroom 2.6 dB (NEXT 3,6-7,8)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	121
Prop. Delay (ns), Limit 498	[Pair 3,6]	188
Delay Skew (ns), Limit 44	[Pair 3,6]	9
Resistance (ohms)	[Pair 3,6]	6.20
Insertion Loss Margin (dB)	[Pair 7,8]	18.3
Frequency (MHz)	[Pair 7,8]	250.0
Limit (dB)	[Pair 7,8]	31.1

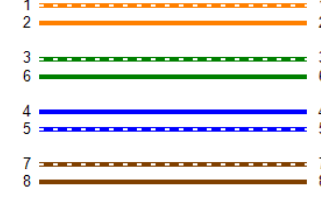


121 ft

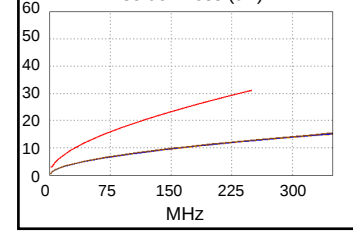


Wire Map (T568B)

PASS

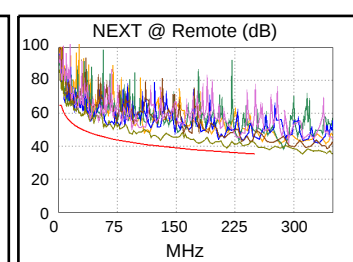
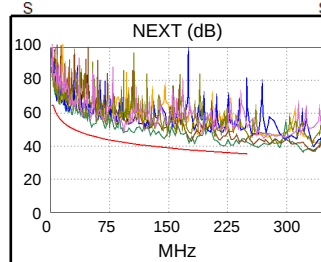


Insertion Loss (dB)

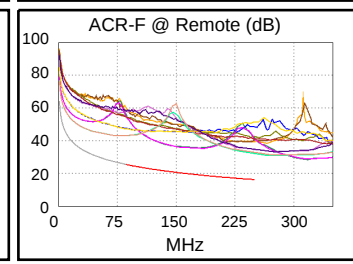
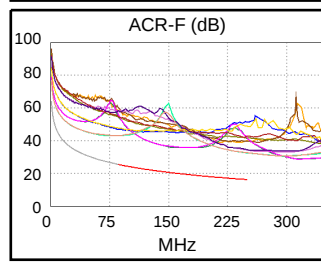


Worst Case Margin Worst Case Value

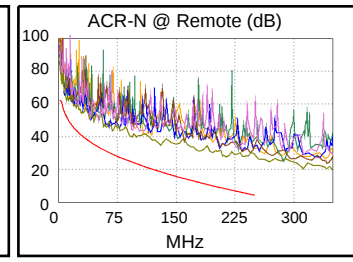
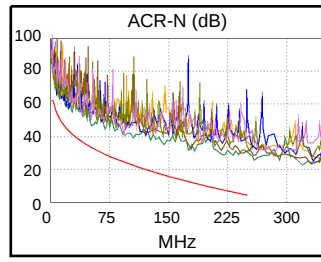
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	3,6-7,8	1,2-4,5	3,6-7,8
NEXT (dB)	2.9	2.6	2.9	2.6
Freq. (MHz)	230.5	215.0	230.5	215.0
Limit (dB)	35.9	36.4	35.9	36.4
Worst Pair	4,5	3,6	4,5	3,6
PS NEXT (dB)	4.3	3.8	4.3	3.8
Freq. (MHz)	230.5	215.0	230.5	215.0
Limit (dB)	33.3	33.8	33.3	33.8



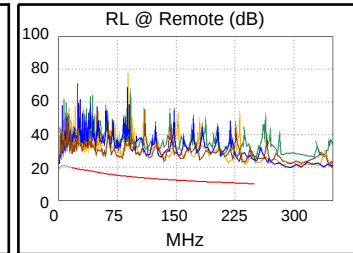
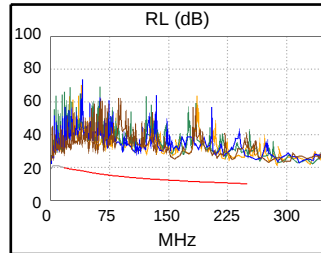
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-4,5	4,5-7,8	4,5-7,8	4,5-7,8
ACR-F (dB)	12.5	12.5	16.2	16.1
Freq. (MHz)	3.6	3.6	250.0	250.0
Limit (dB)	53.0	53.0	16.2	16.2
Worst Pair	4,5	4,5	7,8	7,8
PS ACR-F (dB)	13.4	13.3	16.9	16.9
Freq. (MHz)	1.0	1.0	250.0	250.0
Limit (dB)	61.2	61.2	13.2	13.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	3,6-7,8	1,2-4,5	3,6-7,8
ACR-N (dB)	11.3	9.7	20.6	19.5
Freq. (MHz)	7.8	9.9	230.5	215.5
Limit (dB)	54.7	52.4	6.2	7.8
Worst Pair	1,2	7,8	4,5	7,8
PS ACR-N (dB)	11.3	10.9	22.0	22.4
Freq. (MHz)	8.0	7.3	230.5	235.0
Limit (dB)	52.1	53.0	3.6	3.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	1,2	1,2
RL (dB)	8.8	8.1	13.4	11.5
Freq. (MHz)	17.3	17.4	233.0	238.0
Limit (dB)	19.8	19.8	10.3	10.2



Compliant Network Standards:

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

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

LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks



Cable ID/ Test ID: 023

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 07:51:30 AM

Operator: Matt Fiske

Headroom 2.4 dB (NEXT 1,2-4,5)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	128
Prop. Delay (ns), Limit 498	[Pair 3,6]	197
Delay Skew (ns), Limit 44	[Pair 3,6]	9
Resistance (ohms)	[Pair 3,6]	6.48
Insertion Loss Margin (dB)	[Pair 4,5]	17.8
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	31.1



128 ft

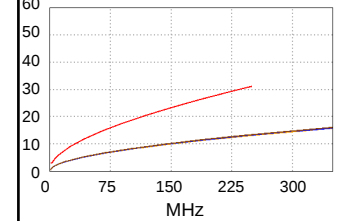


Wire Map (T568B)

PASS

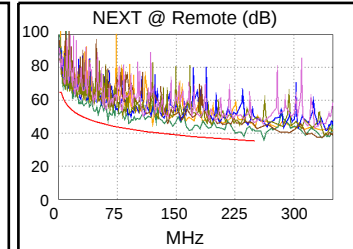
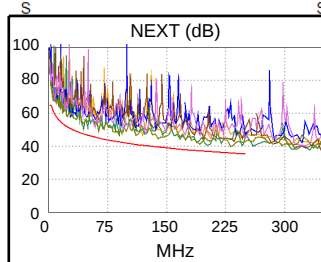


Insertion Loss (dB)

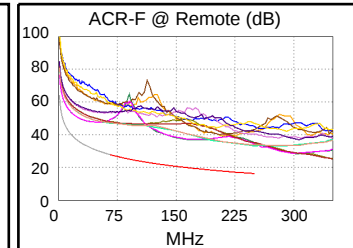
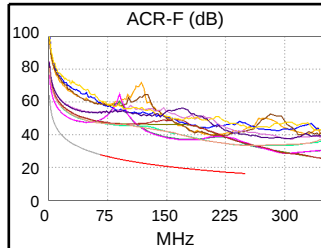


Worst Case Margin Worst Case Value

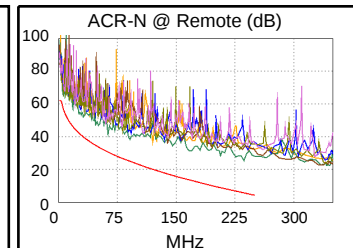
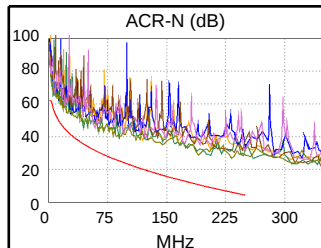
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-4,5	3,6-7,8	1,2-4,5
NEXT (dB)	2.7	2.4	3.5	2.4
Freq. (MHz)	190.0	236.5	232.0	236.5
Limit (dB)	37.3	35.7	35.9	35.7
Worst Pair	4,5	4,5	3,6	4,5
PS NEXT (dB)	4.3	3.9	4.5	3.9
Freq. (MHz)	63.3	236.5	232.0	236.5
Limit (dB)	42.6	33.1	33.2	33.1



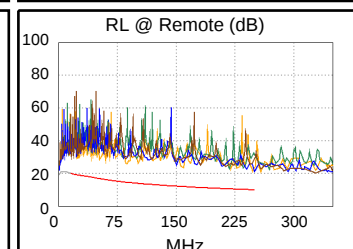
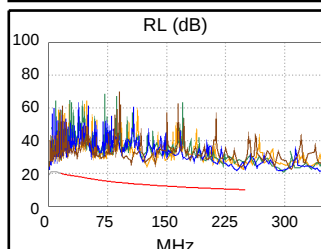
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-1,2	1,2-4,5	7,8-4,5	4,5-7,8
ACR-F (dB)	12.8	12.8	16.8	16.8
Freq. (MHz)	5.4	5.4	250.0	250.0
Limit (dB)	49.6	49.6	16.2	16.2
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	13.2	13.1	16.0	16.5
Freq. (MHz)	1.0	1.1	250.0	250.0
Limit (dB)	61.2	60.2	13.2	13.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	3,6-7,8	1,2-4,5
ACR-N (dB)	8.3	8.5	20.5	19.8
Freq. (MHz)	5.4	5.3	232.0	237.0
Limit (dB)	58.0	58.2	6.1	5.6
Worst Pair	1,2	1,2	3,6	4,5
PS ACR-N (dB)	9.3	9.5	21.5	21.3
Freq. (MHz)	5.3	5.3	232.0	236.5
Limit (dB)	55.9	55.9	3.5	3.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	1,2
RL (dB)	9.2	9.4	11.4	10.4
Freq. (MHz)	16.4	23.9	239.5	248.0
Limit (dB)	19.9	19.1	10.2	10.1



Compliant Network Standards:

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

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

LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks®



Cable ID/ Test ID: 024

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 08:09:05 AM

Operator: Matt Fiske

Headroom 3.3 dB (NEXT 1,2-3,6)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	128
Prop. Delay (ns), Limit 498	[Pair 3,6]	198
Delay Skew (ns), Limit 44	[Pair 3,6]	9
Resistance (ohms)	[Pair 3,6]	6.49
Insertion Loss Margin (dB)	[Pair 7,8]	17.7
Frequency (MHz)	[Pair 7,8]	250.0
Limit (dB)	[Pair 7,8]	31.1

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	1,2-4,5
NEXT (dB)	3.3	4.2	6.5	4.6
Freq. (MHz)	123.0	123.0	245.5	245.5
Limit (dB)	40.4	40.4	35.5	35.5
Worst Pair	3,6	4,5	1,2	4,5
PS NEXT (dB)	5.6	4.6	6.8	4.6
Freq. (MHz)	123.0	245.5	245.5	245.5
Limit (dB)	37.8	32.8	32.8	32.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	1,2-4,5
ACR-F (dB)	14.3	14.2	14.8	14.7
Freq. (MHz)	159.0	150.0	172.5	169.5
Limit (dB)	20.2	20.7	19.5	19.6
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	16.3	16.1	16.6	16.8
Freq. (MHz)	159.0	150.0	172.5	176.0
Limit (dB)	17.2	17.7	16.5	16.3

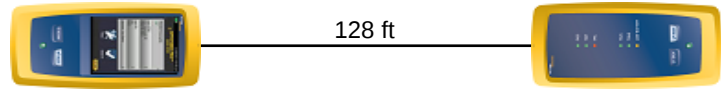
N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	1,2-4,5
ACR-N (dB)	9.8	9.1	24.1	22.2
Freq. (MHz)	8.0	4.5	245.5	245.5
Limit (dB)	54.4	59.5	4.7	4.7
Worst Pair	1,2	1,2	1,2	4,5
PS ACR-N (dB)	9.8	9.3	24.5	22.1
Freq. (MHz)	7.8	8.0	245.5	245.5
Limit (dB)	52.4	52.1	2.1	2.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	8.1	9.1	10.4	12.5
Freq. (MHz)	16.4	16.5	234.0	224.0
Limit (dB)	19.9	19.9	10.3	10.5

Compliant Network Standards:

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

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

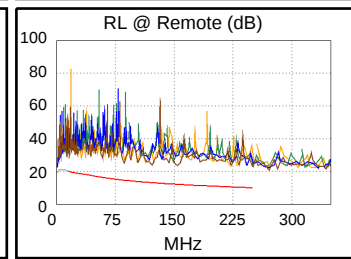
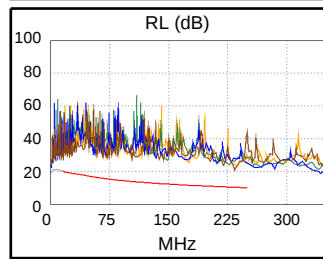
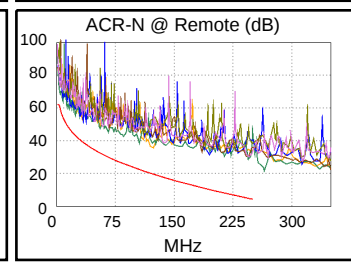
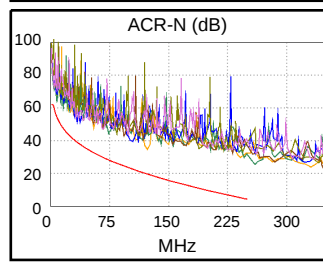
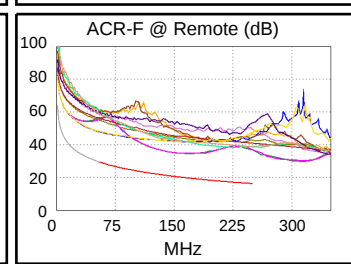
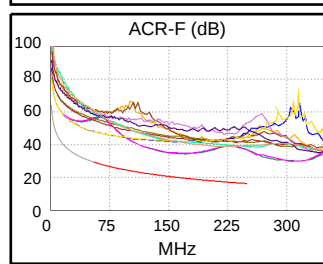
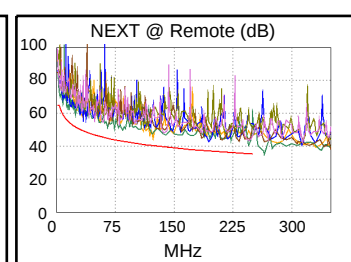
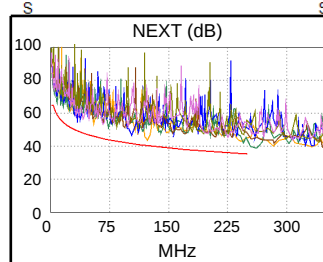
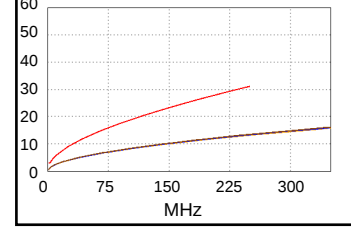


Wire Map (T568B)

PASS



Insertion Loss (dB)



LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

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Cable ID/ Test ID: 025

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 08:11:43 AM

Operator: Matt Fiske

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

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	137
Prop. Delay (ns), Limit 498	[Pair 3,6]	212
Delay Skew (ns), Limit 44	[Pair 3,6]	10
Resistance (ohms)	[Pair 3,6]	6.99
Insertion Loss Margin (dB)	[Pair 7,8]	16.8
Frequency (MHz)	[Pair 7,8]	250.0
Limit (dB)	[Pair 7,8]	31.1

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-3,6	1,2-4,5	1,2-4,5
NEXT (dB)	5.6	5.4	5.6	5.6
Freq. (MHz)	199.5	125.0	199.5	199.5
Limit (dB)	36.9	40.3	36.9	36.9
Worst Pair	3,6	3,6	4,5	3,6
PS NEXT (dB)	6.2	6.8	7.5	7.3
Freq. (MHz)	131.0	215.0	246.5	249.0
Limit (dB)	37.4	33.8	32.8	32.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	1,2-4,5	1,2-4,5
ACR-F (dB)	11.4	11.4	16.4	16.3
Freq. (MHz)	4.5	4.5	250.0	250.0
Limit (dB)	51.1	51.1	16.2	16.2
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	12.1	11.9	16.9	16.8
Freq. (MHz)	2.4	1.5	250.0	250.0
Limit (dB)	53.7	57.7	13.2	13.2

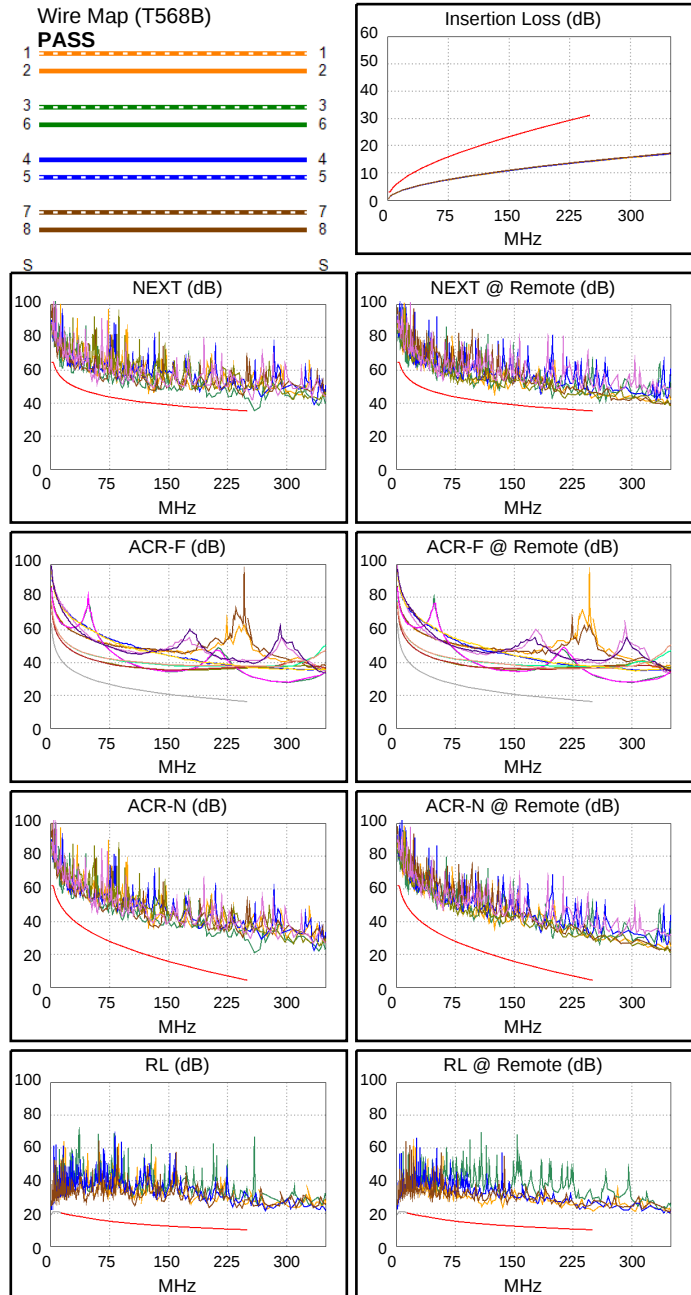
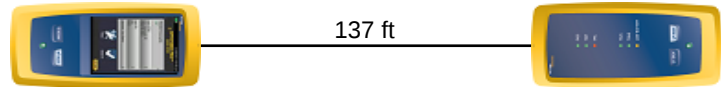
N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	1,2-3,6
ACR-N (dB)	9.3	10.4	24.0	24.6
Freq. (MHz)	14.9	14.8	246.5	248.5
Limit (dB)	48.3	48.4	4.6	4.4
Worst Pair	1,2	1,2	4,5	3,6
PS ACR-N (dB)	10.6	11.7	24.2	24.1
Freq. (MHz)	15.0	15.0	246.5	249.0
Limit (dB)	45.9	45.9	2.0	1.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	1,2
RL (dB)	8.9	9.8	13.2	10.4
Freq. (MHz)	20.3	20.3	243.5	249.0
Limit (dB)	19.5	19.5	10.1	10.0

Compliant Network Standards:

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

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



LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

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Cable ID/ Test ID: 026

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 08:12:03 AM

Operator: Matt Fiske

Headroom 5.0 dB (NEXT 3,6-7,8)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	136
Prop. Delay (ns), Limit 498	[Pair 3,6]	211
Delay Skew (ns), Limit 44	[Pair 3,6]	10
Resistance (ohms)	[Pair 3,6]	6.95
Insertion Loss Margin (dB)	[Pair 7,8]	16.8
Frequency (MHz)	[Pair 7,8]	250.0
Limit (dB)	[Pair 7,8]	31.1



136 ft

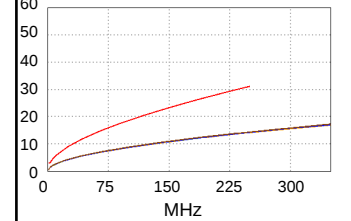


Wire Map (T568B)

PASS

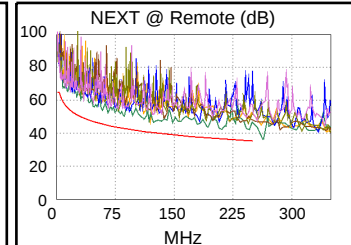
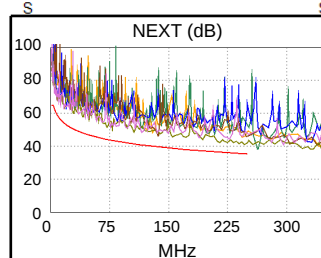


Insertion Loss (dB)

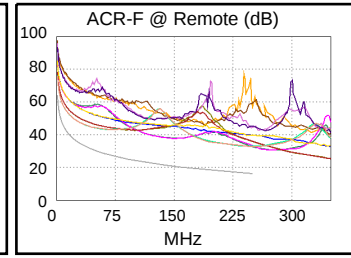
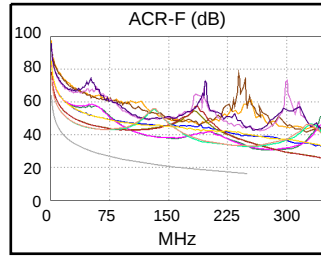


Worst Case Margin Worst Case Value

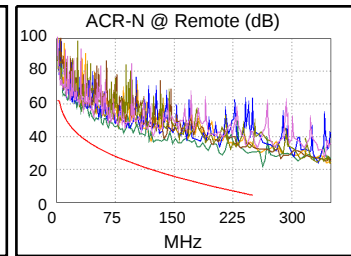
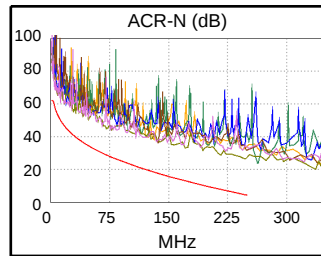
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-4,5	3,6-7,8	1,2-4,5
NEXT (dB)	5.0	5.1	5.0	5.1
Freq. (MHz)	247.5	212.0	247.5	212.0
Limit (dB)	35.4	36.5	35.4	36.5
Worst Pair	3,6	1,2	3,6	1,2
PS NEXT (dB)	5.8	6.8	5.8	6.8
Freq. (MHz)	247.0	208.0	247.0	208.0
Limit (dB)	32.8	34.0	32.8	34.0



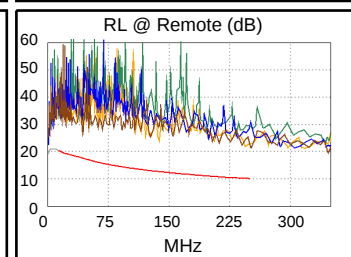
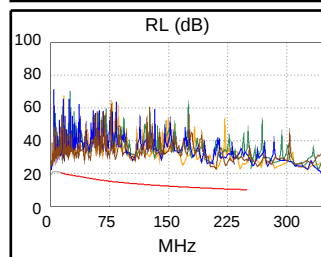
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-4,5	4,5-7,8	4,5-1,2	1,2-4,5
ACR-F (dB)	11.9	11.9	16.4	16.3
Freq. (MHz)	5.3	5.4	250.0	250.0
Limit (dB)	49.8	49.6	16.2	16.2
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	12.4	12.5	15.8	15.4
Freq. (MHz)	1.1	1.1	250.0	250.0
Limit (dB)	60.2	60.2	13.2	13.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	1,2-4,5	3,6-7,8	1,2-4,5
ACR-N (dB)	10.9	11.1	21.6	23.6
Freq. (MHz)	5.0	8.1	247.5	246.0
Limit (dB)	58.6	54.3	4.5	4.6
Worst Pair	7,8	1,2	3,6	4,5
PS ACR-N (dB)	11.5	11.7	22.6	24.7
Freq. (MHz)	12.4	8.3	247.0	242.5
Limit (dB)	47.8	51.8	1.9	2.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	1,2	1,2
RL (dB)	8.7	8.9	11.5	11.5
Freq. (MHz)	15.1	43.3	211.0	244.5
Limit (dB)	20.1	17.6	10.8	10.1



Compliant Network Standards:

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

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

LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks®



Cable ID/ Test ID: 027

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 08:12:47 AM

Operator: Matt Fiske

Headroom 2.8 dB (NEXT 1,2-3,6)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	225
Prop. Delay (ns), Limit 498	[Pair 3,6]	347
Delay Skew (ns), Limit 44	[Pair 3,6]	16
Resistance (ohms)	[Pair 3,6]	11.40
Insertion Loss Margin (dB)	[Pair 7,8]	7.8
Frequency (MHz)	[Pair 7,8]	250.0
Limit (dB)	[Pair 7,8]	31.1

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-4,5	1,2-4,5
NEXT (dB)	3.1	2.8	4.8	7.5
Freq. (MHz)	117.0	119.0	236.0	246.5
Limit (dB)	40.7	40.6	35.7	35.4
Worst Pair	1,2	1,2	4,5	4,5
PS NEXT (dB)	4.9	5.1	6.9	7.6
Freq. (MHz)	115.5	119.0	238.0	246.5
Limit (dB)	38.3	38.1	33.1	32.8

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)	10.3	10.3	12.6	12.6
Freq. (MHz)	3.3	3.3	250.0	250.0
Limit (dB)	54.0	54.0	16.2	16.2
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	10.9	10.7	13.3	13.2
Freq. (MHz)	3.5	3.3	250.0	250.0
Limit (dB)	50.3	51.0	13.2	13.2

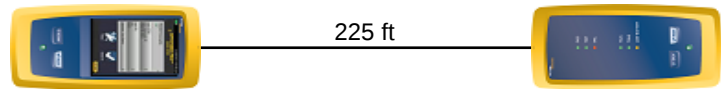
N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-4,5	1,2-4,5
ACR-N (dB)	8.0	7.7	12.5	15.4
Freq. (MHz)	117.0	119.0	236.0	246.5
Limit (dB)	20.5	20.2	5.7	4.6
Worst Pair	7,8	3,6	3,6	4,5
PS ACR-N (dB)	9.8	10.1	15.5	15.5
Freq. (MHz)	39.3	119.0	246.5	246.5
Limit (dB)	34.7	17.6	2.0	2.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	3,6	4,5
RL (dB)	8.1	10.4	13.0	14.1
Freq. (MHz)	6.1	6.0	235.5	244.5
Limit (dB)	21.0	21.0	10.3	10.1

Compliant Network Standards:

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

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

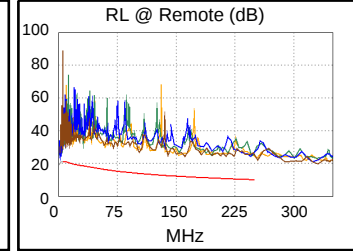
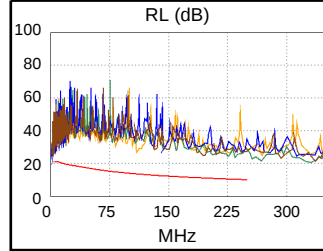
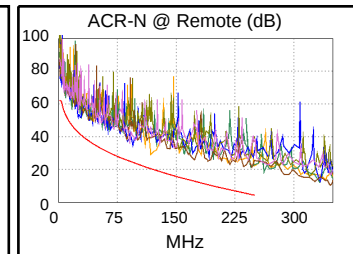
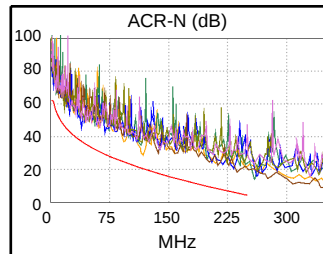
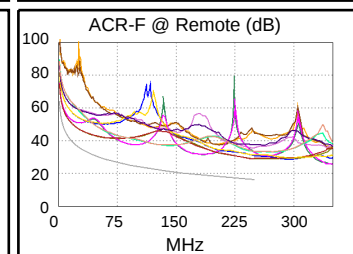
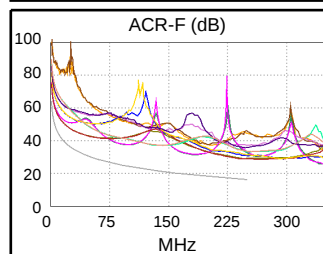
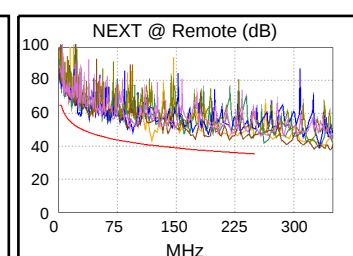
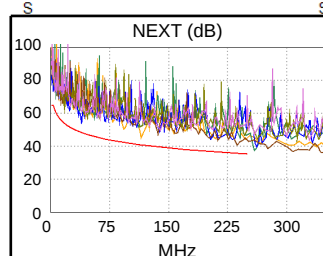
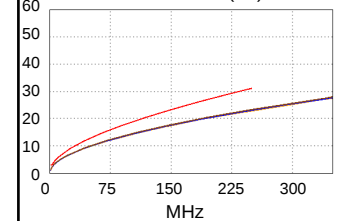


Wire Map (T568B)

PASS



Insertion Loss (dB)



LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks®



Cable ID/ Test ID: 028

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 08:13:27 AM

Operator: Matt Fiske

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

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	105
Prop. Delay (ns), Limit 498	[Pair 3,6]	162
Delay Skew (ns), Limit 44	[Pair 3,6]	8
Resistance (ohms)	[Pair 3,6]	5.37
Insertion Loss Margin (dB)	[Pair 3,6]	20.1
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	31.1

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	3,6-7,8
NEXT (dB)	5.8	6.1	6.9	7.6
Freq. (MHz)	122.0	122.5	248.0	250.0
Limit (dB)	40.4	40.4	35.4	35.3
Worst Pair	3,6	1,2	1,2	3,6
PS NEXT (dB)	6.8	6.6	8.6	7.4
Freq. (MHz)	138.0	132.0	248.5	237.0
Limit (dB)	37.0	37.3	32.7	33.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	4,5-1,2	7,8-4,5	4,5-7,8
ACR-F (dB)	17.5	17.5	17.7	17.6
Freq. (MHz)	170.5	168.5	250.0	250.0
Limit (dB)	19.6	19.7	16.2	16.2
Worst Pair	4,5	4,5	7,8	7,8
PS ACR-F (dB)	18.6	18.6	20.0	19.9
Freq. (MHz)	195.5	191.0	250.0	250.0
Limit (dB)	15.4	15.6	13.2	13.2

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	3,6-7,8	1,2-4,5	3,6-7,8
ACR-N (dB)	13.4	14.1	27.0	27.7
Freq. (MHz)	15.5	7.1	248.0	250.0
Limit (dB)	47.9	55.5	4.4	4.2
Worst Pair	1,2	3,6	4,5	3,6
PS ACR-N (dB)	15.2	14.8	28.5	27.0
Freq. (MHz)	15.6	7.1	247.5	237.0
Limit (dB)	45.4	53.1	1.9	2.9

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	1,2	1,2
RL (dB)	11.4	10.3	12.6	10.4
Freq. (MHz)	23.3	225.5	250.0	228.5
Limit (dB)	19.2	10.5	10.0	10.4

Compliant Network Standards:

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

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



105 ft

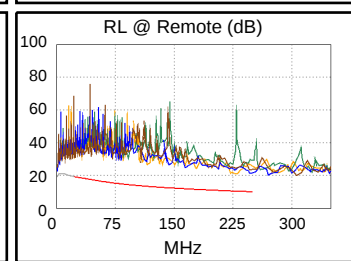
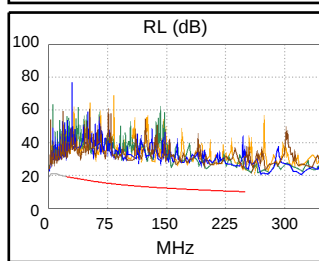
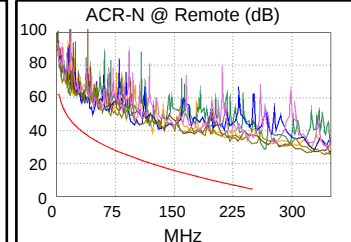
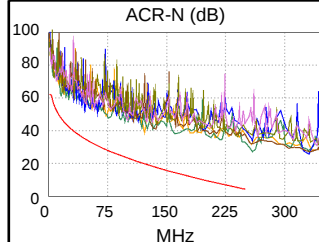
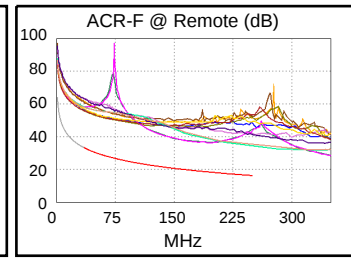
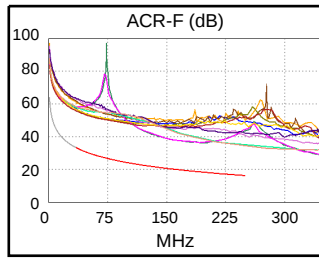
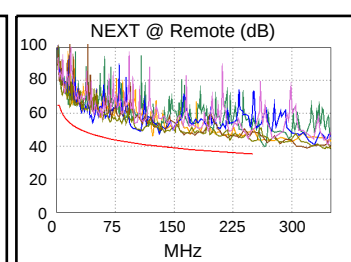
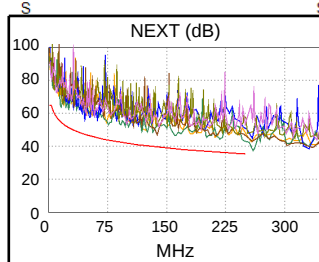
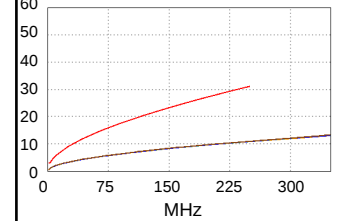


Wire Map (T568B)

PASS



Insertion Loss (dB)



LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

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Cable ID/ Test ID: 029

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 08:13:43 AM

Operator: Matt Fiske

Headroom 3.9 dB (NEXT 3,6-7,8)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	105
Prop. Delay (ns), Limit 498	[Pair 3,6]	162
Delay Skew (ns), Limit 44	[Pair 3,6]	8
Resistance (ohms)	[Pair 3,6]	5.34
Insertion Loss Margin (dB)	[Pair 3,6]	20.1
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	31.1



105 ft

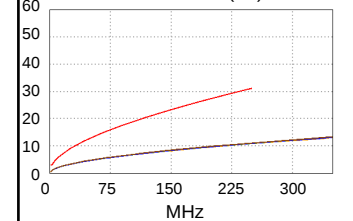


Wire Map (T568B)

PASS

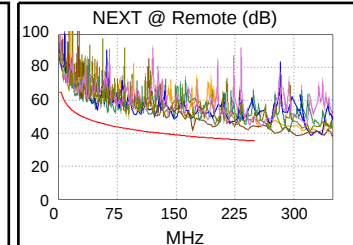
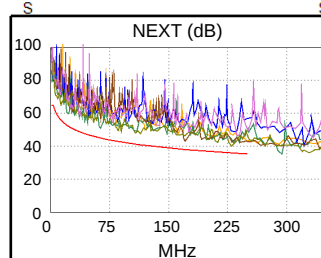


Insertion Loss (dB)

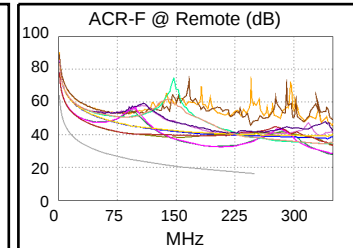
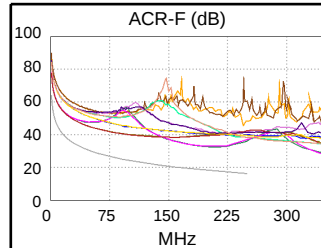


Worst Case Margin Worst Case Value

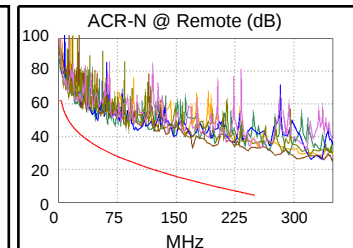
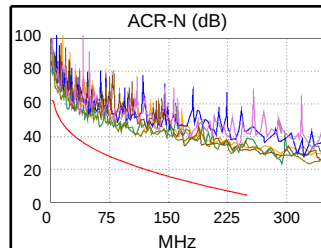
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-4,5	3,6-7,8	3,6-4,5
NEXT (dB)	3.9	4.1	3.9	5.1
Freq. (MHz)	231.0	171.0	231.0	240.5
Limit (dB)	35.9	38.0	35.9	35.6
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	3.9	6.2	3.9	6.6
Freq. (MHz)	231.0	171.0	231.0	241.0
Limit (dB)	33.3	35.5	33.3	33.0



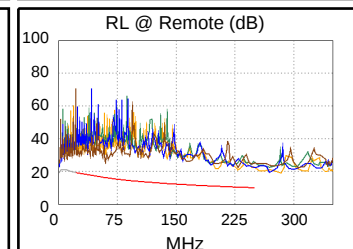
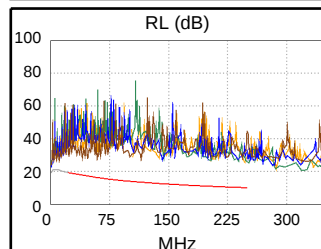
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	1,2-4,5	1,2-4,5
ACR-F (dB)	13.6	13.6	14.7	14.8
Freq. (MHz)	4.1	4.1	211.0	210.5
Limit (dB)	51.9	51.9	17.7	17.7
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	13.2	13.1	16.6	16.8
Freq. (MHz)	1.3	1.4	211.0	214.0
Limit (dB)	59.3	58.4	14.7	14.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	3,6-7,8	3,6-7,8	3,6-4,5
ACR-N (dB)	12.6	14.1	23.0	24.8
Freq. (MHz)	21.1	6.0	231.0	240.5
Limit (dB)	44.6	57.0	6.2	5.2
Worst Pair	4,5	7,8	3,6	3,6
PS ACR-N (dB)	13.9	14.6	23.2	26.4
Freq. (MHz)	21.3	6.3	231.0	241.0
Limit (dB)	42.1	54.3	3.6	2.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	1,2	1,2
RL (dB)	10.1	9.3	15.4	10.5
Freq. (MHz)	23.4	59.8	247.0	228.5
Limit (dB)	19.2	16.2	10.1	10.4



Compliant Network Standards:

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

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

LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks



Cable ID/ Test ID: 030

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 08:14:02 AM

Operator: Matt Fiske

Headroom 1.1 dB (NEXT 3,6-7,8)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	103
Prop. Delay (ns), Limit 498	[Pair 3,6]	160
Delay Skew (ns), Limit 44	[Pair 3,6]	8
Resistance (ohms)	[Pair 3,6]	5.23
Insertion Loss Margin (dB)	[Pair 3,6]	20.3
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	31.1

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	3,6-7,8	3,6-7,8
NEXT (dB)	1.1	5.6	2.0	5.6
Freq. (MHz)	191.0	118.5	240.0	239.5
Limit (dB)	37.3	40.6	35.6	35.6
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	3.2	5.8	3.3	6.2
Freq. (MHz)	191.0	135.5	224.5	236.5
Limit (dB)	34.7	37.1	33.5	33.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	1,2-4,5	1,2-4,5
ACR-F (dB)	12.8	12.8	13.7	13.7
Freq. (MHz)	4.1	4.1	220.0	219.5
Limit (dB)	51.9	51.9	17.3	17.4
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	11.9	12.0	14.6	15.3
Freq. (MHz)	1.3	2.0	220.0	235.5
Limit (dB)	59.3	55.2	14.3	13.7

N/A	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)	10.5	11.9	21.6	25.3
Freq. (MHz)	22.4	22.4	240.0	239.5
Limit (dB)	43.9	43.9	5.3	5.3
Worst Pair	1,2	3,6	3,6	3,6
PS ACR-N (dB)	11.6	13.1	23.8	25.8
Freq. (MHz)	8.5	22.3	240.0	236.5
Limit (dB)	51.5	41.6	2.6	3.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	4,5
RL (dB)	10.8	7.2	13.4	11.4
Freq. (MHz)	23.4	51.0	224.0	242.0
Limit (dB)	19.2	16.9	10.5	10.2

Compliant Network Standards:

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

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

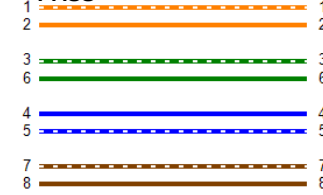


103 ft

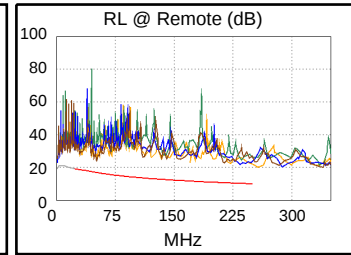
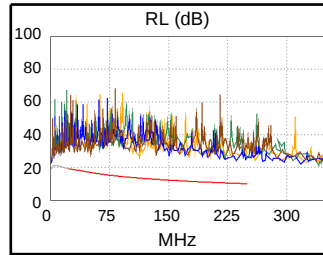
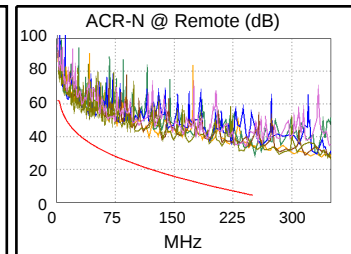
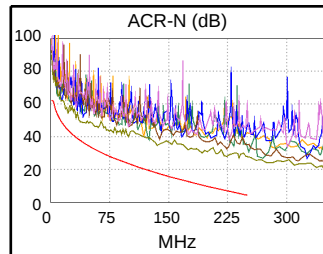
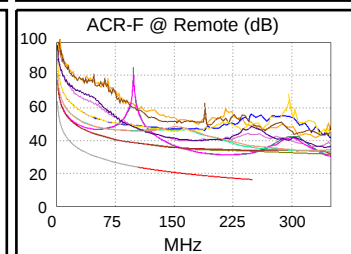
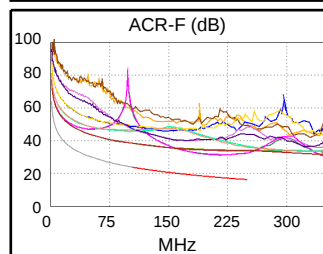
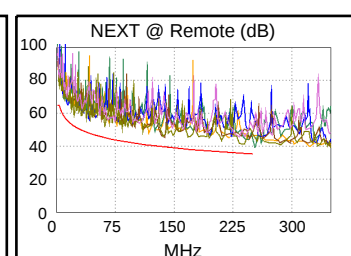
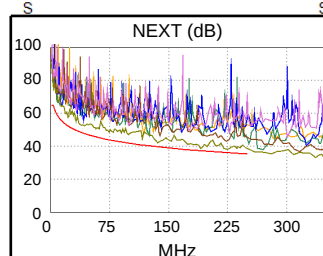
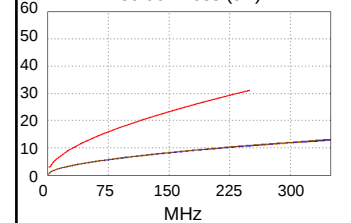


Wire Map (T568B)

PASS



Insertion Loss (dB)



LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks



Cable ID/ Test ID: 031

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 08:22:47 AM

Operator: Matt Fiske

Headroom 2.9 dB (NEXT 3,6-4,5)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	65
Prop. Delay (ns), Limit 498	[Pair 3,6]	101
Delay Skew (ns), Limit 44	[Pair 3,6]	5
Resistance (ohms)	[Pair 3,6]	3.33
Insertion Loss Margin (dB)	[Pair 7,8]	23.8
Frequency (MHz)	[Pair 7,8]	247.5
Limit (dB)	[Pair 7,8]	30.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	3.7	2.9	4.8	4.9
Freq. (MHz)	169.0	168.5	250.0	250.0
Limit (dB)	38.1	38.1	35.3	35.3
Worst Pair	4,5	3,6	4,5	3,6
PS NEXT (dB)	5.2	4.8	5.2	5.2
Freq. (MHz)	245.0	168.5	245.0	239.5
Limit (dB)	32.9	35.6	32.9	33.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	1,2-4,5
ACR-F (dB)	12.0	12.0	15.3	15.3
Freq. (MHz)	6.6	5.6	250.0	250.0
Limit (dB)	47.8	49.2	16.2	16.2
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	13.5	13.4	16.2	16.3
Freq. (MHz)	6.6	2.0	250.0	250.0
Limit (dB)	44.8	55.2	13.2	13.2

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
ACR-N (dB)	14.0	14.6	28.9	29.0
Freq. (MHz)	4.0	3.6	250.0	250.0
Limit (dB)	60.6	61.4	4.2	4.2
Worst Pair	4,5	4,5	4,5	3,6
PS ACR-N (dB)	15.6	14.7	29.6	28.8
Freq. (MHz)	4.0	6.0	250.0	240.0
Limit (dB)	58.3	54.7	1.6	2.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	1,2	3,6	1,2
RL (dB)	12.5	11.6	12.5	11.8
Freq. (MHz)	239.0	206.5	239.0	250.0
Limit (dB)	10.2	10.9	10.2	10.0

Compliant Network Standards:

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

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

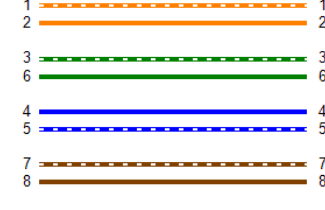


65 ft

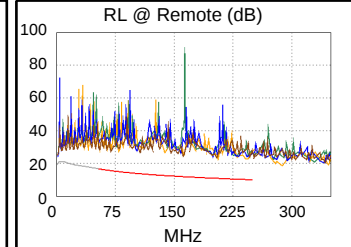
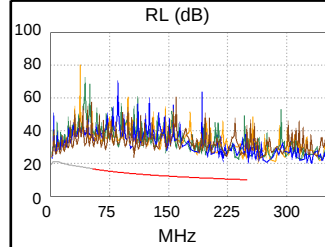
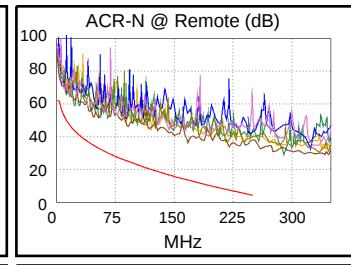
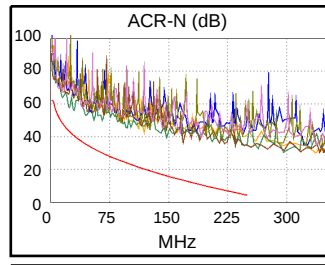
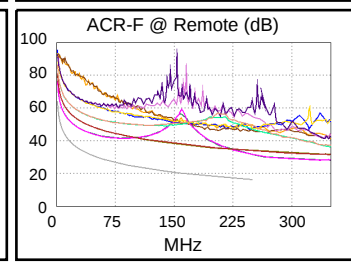
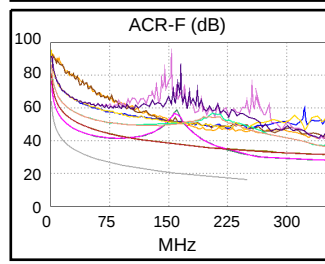
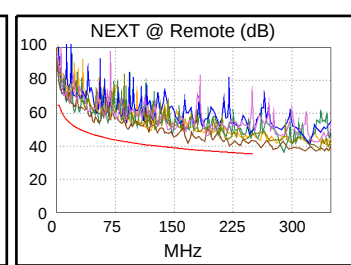
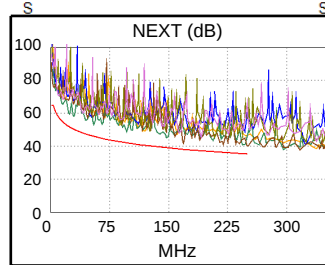
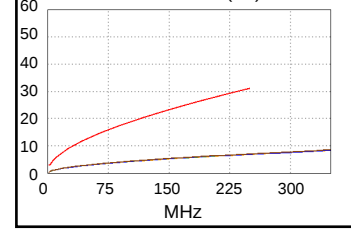


Wire Map (T568B)

PASS



Insertion Loss (dB)



LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks



Cable ID/ Test ID: 032

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 08:15:02 AM

Operator: Matt Fiske

Headroom 3.2 dB (NEXT 3,6-4,5)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	65
Prop. Delay (ns), Limit 498	[Pair 3,6]	101
Delay Skew (ns), Limit 44	[Pair 3,6]	5
Resistance (ohms)	[Pair 3,6]	3.36
Insertion Loss Margin (dB)	[Pair 7,8]	24.1
Frequency (MHz)	[Pair 7,8]	250.0
Limit (dB)	[Pair 7,8]	31.1

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-4,5	3,6-4,5
NEXT (dB)	3.9	3.2	4.3	3.9
Freq. (MHz)	169.0	168.5	245.0	220.0
Limit (dB)	38.1	38.1	35.5	36.2
Worst Pair	4,5	4,5	4,5	4,5
PS NEXT (dB)	4.6	5.0	4.6	5.0
Freq. (MHz)	245.0	234.5	245.0	234.5
Limit (dB)	32.9	33.2	32.9	33.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	4,5-1,2
ACR-F (dB)	12.1	12.1	15.5	15.5
Freq. (MHz)	5.6	5.9	250.0	250.0
Limit (dB)	49.2	48.8	16.2	16.2
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	13.4	13.3	16.3	16.2
Freq. (MHz)	4.8	1.6	250.0	248.5
Limit (dB)	47.7	57.0	13.2	13.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	3,6-4,5
ACR-N (dB)	12.3	12.3	28.3	29.2
Freq. (MHz)	15.3	5.3	245.0	250.0
Limit (dB)	48.1	58.2	4.7	4.2
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-N (dB)	13.5	12.7	28.6	28.4
Freq. (MHz)	15.3	5.1	245.0	234.5
Limit (dB)	45.7	56.1	2.1	3.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	7,8	3,6	1,2
RL (dB)	12.3	11.2	12.3	12.5
Freq. (MHz)	239.0	69.3	239.0	250.0
Limit (dB)	10.2	15.6	10.2	10.0

Compliant Network Standards:

10BASE-T 100BASE-TX

1000BASE-T 2.5GBASE-T

ATM-25 ATM-51

100VG-AnyLan TR-4

TR-16 Passive

100BASE-T4

5GBASE-T

ATM-155

TR-16 Active

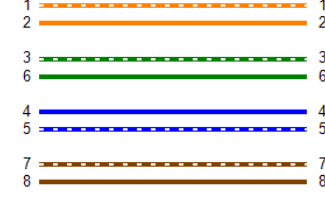


65 ft

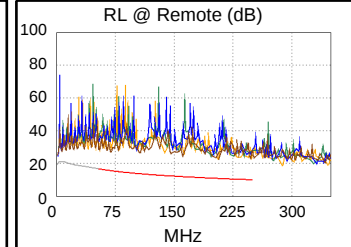
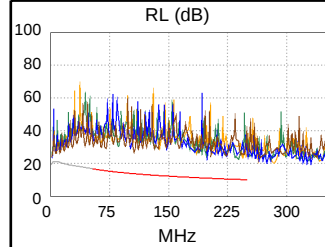
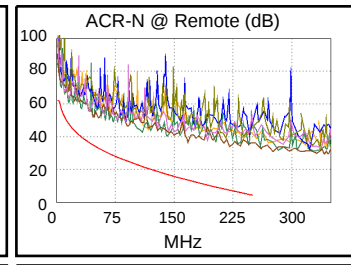
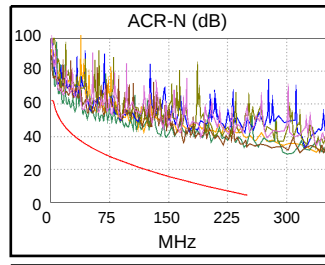
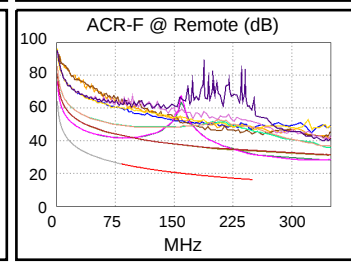
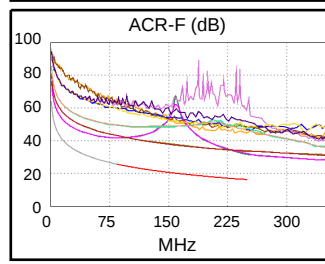
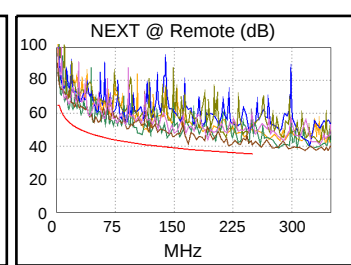
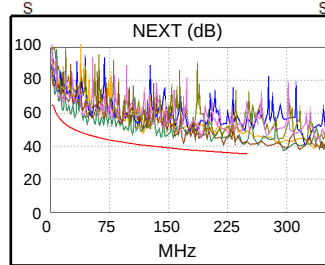
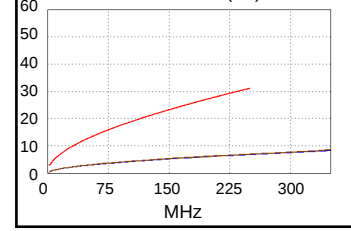


Wire Map (T568B)

PASS



Insertion Loss (dB)



LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks



Cable ID/ Test ID: 033

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 08:16:23 AM

Operator: Matt Fiske

Headroom 4.4 dB (NEXT 1,2-4,5)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	83
Prop. Delay (ns), Limit 498	[Pair 3,6]	128
Delay Skew (ns), Limit 44	[Pair 3,6]	6
Resistance (ohms)	[Pair 3,6]	4.23
Insertion Loss Margin (dB)	[Pair 3,6]	22.4
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	31.1

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	1,2-4,5
NEXT (dB)	4.4	4.8	4.4	4.8
Freq. (MHz)	238.0	230.0	238.0	230.0
Limit (dB)	35.7	35.9	35.7	35.9
Worst Pair	1,2	4,5	1,2	4,5
PS NEXT (dB)	5.8	6.0	5.8	6.0
Freq. (MHz)	237.5	238.0	237.5	238.0
Limit (dB)	33.1	33.1	33.1	33.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	1,2-4,5	1,2-4,5
ACR-F (dB)	13.9	13.9	14.1	14.2
Freq. (MHz)	10.5	4.6	245.5	245.5
Limit (dB)	43.8	50.9	16.4	16.4
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	13.0	12.9	15.1	15.2
Freq. (MHz)	1.8	2.4	245.5	245.5
Limit (dB)	56.3	53.7	13.4	13.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-7,8	1,2-4,5	1,2-4,5
ACR-N (dB)	13.7	13.6	26.2	26.2
Freq. (MHz)	40.8	8.1	238.0	230.0
Limit (dB)	36.7	54.3	5.5	6.3
Worst Pair	7,8	7,8	1,2	4,5
PS ACR-N (dB)	13.1	13.2	27.6	27.9
Freq. (MHz)	8.0	7.9	237.5	238.0
Limit (dB)	52.1	52.2	2.9	2.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	1,2	1,2
RL (dB)	11.5	10.4	12.0	11.2
Freq. (MHz)	42.8	51.8	175.5	176.0
Limit (dB)	17.7	16.9	11.6	11.5

Compliant Network Standards:

10BASE-T 100BASE-TX

1000BASE-T 2.5GBASE-T

ATM-25 ATM-51

100VG-AnyLan TR-4

TR-16 Passive

100BASE-T4

5GBASE-T

ATM-155

TR-16 Active



83 ft

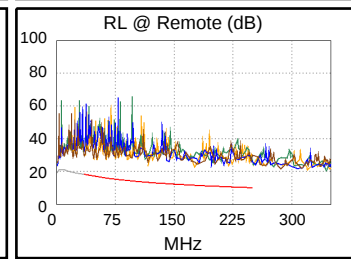
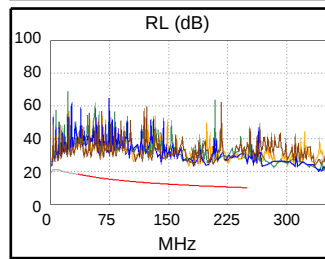
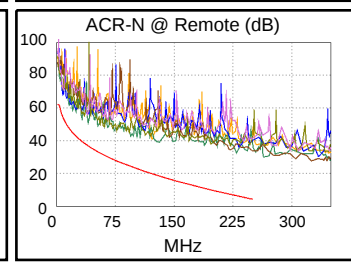
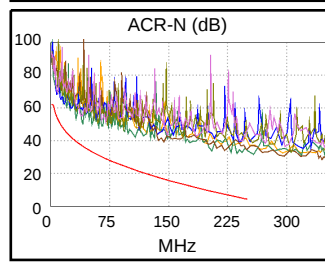
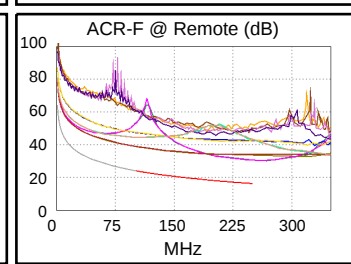
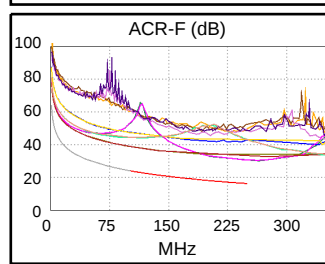
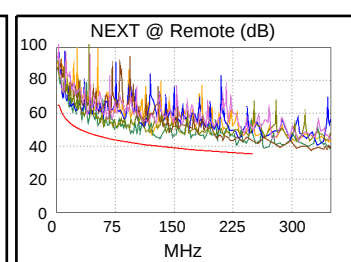
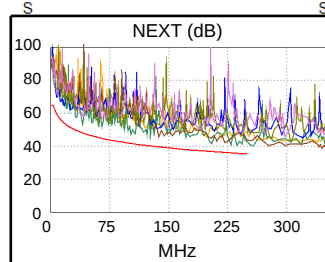
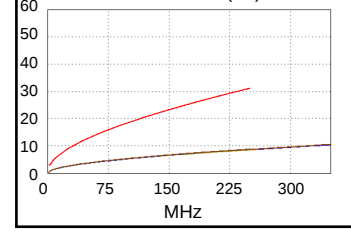


Wire Map (T568B)

PASS



Insertion Loss (dB)



LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks



Cable ID/ Test ID: 034

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 08:16:45 AM

Operator: Matt Fiske

Headroom 3.6 dB (NEXT 1,2-3,6)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	83
Prop. Delay (ns), Limit 498	[Pair 3,6]	128
Delay Skew (ns), Limit 44	[Pair 3,6]	6
Resistance (ohms)	[Pair 3,6]	4.30
Insertion Loss Margin (dB)	[Pair 3,6]	22.4
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	31.1

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-3,6	3,6-4,5	3,6-4,5
NEXT (dB)	5.1	3.6	6.1	3.8
Freq. (MHz)	196.5	126.5	248.5	236.5
Limit (dB)	37.1	40.2	35.4	35.7
Worst Pair	3,6	1,2	3,6	4,5
PS NEXT (dB)	5.5	4.6	6.3	4.8
Freq. (MHz)	196.0	120.0	248.0	248.0
Limit (dB)	34.5	38.0	32.8	32.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	4,5-1,2
ACR-F (dB)	14.1	14.1	16.0	15.9
Freq. (MHz)	4.8	4.8	250.0	248.5
Limit (dB)	50.7	50.7	16.2	16.3
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	16.0	15.9	16.2	16.2
Freq. (MHz)	1.3	1.5	250.0	250.0
Limit (dB)	59.3	57.7	13.2	13.2

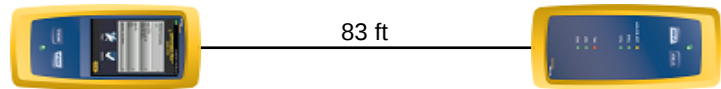
N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	3,6-4,5	3,6-4,5
ACR-N (dB)	14.7	13.9	28.5	25.5
Freq. (MHz)	18.0	17.8	248.5	236.5
Limit (dB)	46.3	46.5	4.4	5.6
Worst Pair	3,6	1,2	3,6	4,5
PS ACR-N (dB)	15.3	15.2	28.6	27.2
Freq. (MHz)	9.6	17.8	248.0	248.0
Limit (dB)	50.3	44.1	1.8	1.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	1,2	7,8
RL (dB)	11.7	10.0	12.0	10.5
Freq. (MHz)	173.5	51.0	207.5	178.5
Limit (dB)	11.6	16.9	10.8	11.5

Compliant Network Standards:

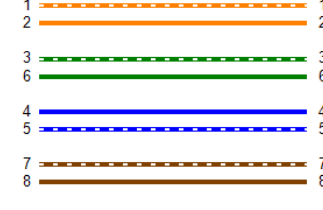
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1000BASE-T 2.5GBASE-T
ATM-25 ATM-51
100VG-AnyLan TR-4
TR-16 Passive

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

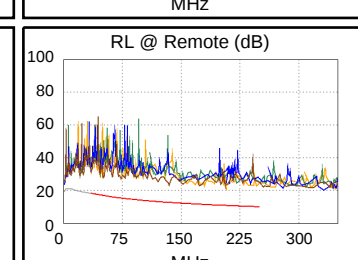
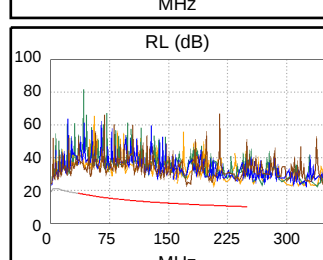
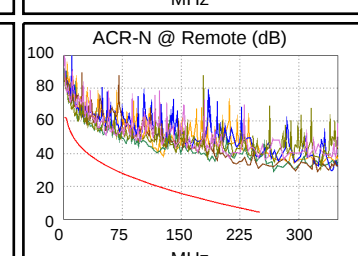
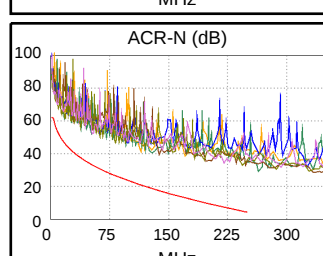
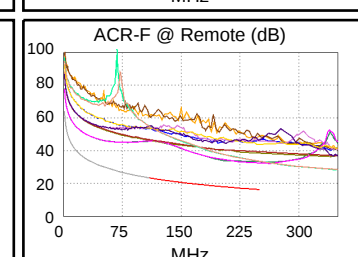
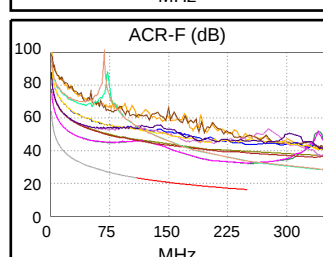
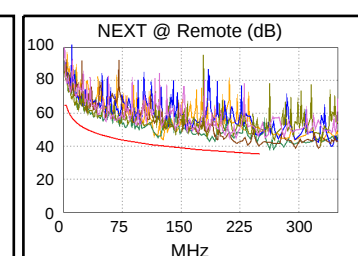
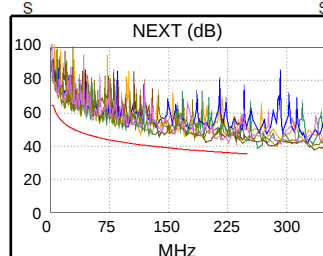
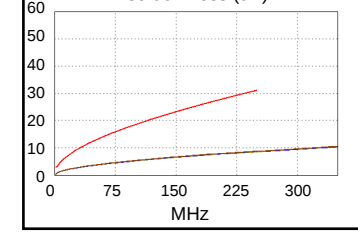


Wire Map (T568B)

PASS



Insertion Loss (dB)



LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks



Cable ID/ Test ID: 035

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 08:18:06 AM

Operator: Matt Fiske

Headroom 3.3 dB (NEXT 3,6-7,8)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	81
Prop. Delay (ns), Limit 498	[Pair 3,6]	125
Delay Skew (ns), Limit 44	[Pair 3,6]	6
Resistance (ohms)	[Pair 3,6]	4.15
Insertion Loss Margin (dB)	[Pair 7,8]	22.5
Frequency (MHz)	[Pair 7,8]	250.0
Limit (dB)	[Pair 7,8]	31.1

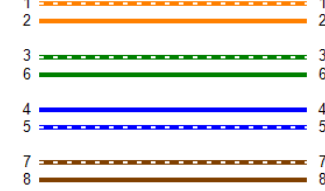


81 ft

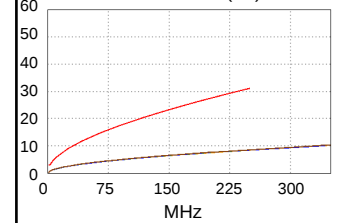


Wire Map (T568B)

PASS

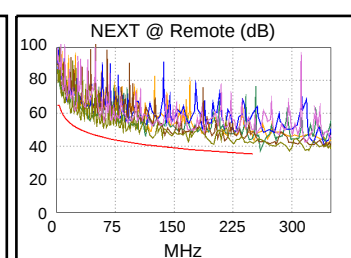
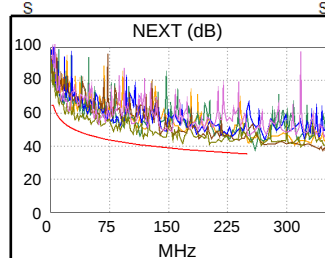


Insertion Loss (dB)

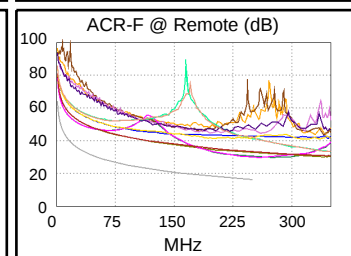
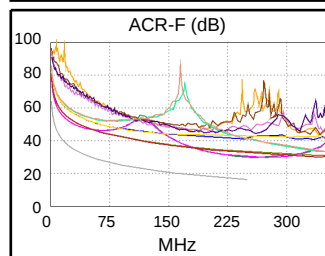


Worst Case Margin Worst Case Value

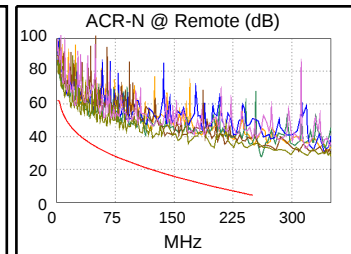
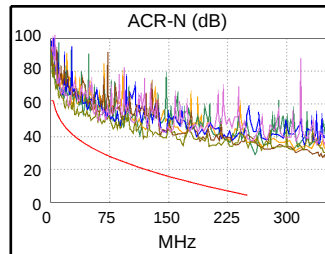
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	3,6-7,8
NEXT (dB)	3.3	4.0	4.3	4.0
Freq. (MHz)	168.5	201.0	202.0	201.0
Limit (dB)	38.1	36.9	36.9	36.9
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	4.6	5.8	5.4	6.1
Freq. (MHz)	168.5	201.0	231.0	231.0
Limit (dB)	35.6	34.3	33.3	33.3



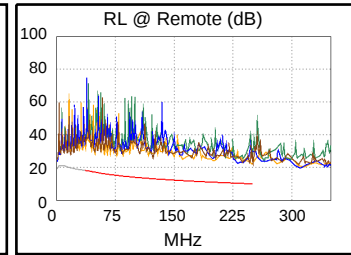
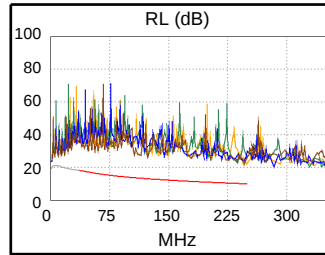
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-1,2	1,2-4,5	4,5-1,2	1,2-4,5
ACR-F (dB)	13.3	13.3	13.4	13.4
Freq. (MHz)	243.5	245.5	248.0	248.0
Limit (dB)	16.5	16.4	16.3	16.3
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	14.7	14.4	14.7	14.6
Freq. (MHz)	249.0	245.5	249.0	250.0
Limit (dB)	13.3	13.4	13.3	13.2



N/A	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)	11.4	11.9	26.9	28.4
Freq. (MHz)	18.4	18.3	226.5	243.0
Limit (dB)	46.1	46.2	6.7	4.9
Worst Pair	7,8	7,8	3,6	3,6
PS ACR-N (dB)	13.0	13.7	27.0	27.7
Freq. (MHz)	18.4	18.4	231.0	231.0
Limit (dB)	43.7	43.7	3.6	3.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	1,2	1,2
RL (dB)	11.6	11.3	11.7	11.5
Freq. (MHz)	246.0	49.0	248.5	249.0
Limit (dB)	10.1	17.1	10.0	10.0



Compliant Network Standards:

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

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

LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks



Cable ID/ Test ID: AP001

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 11:40:21 AM

Operator: Matt Fiske

Headroom 4.0 dB (NEXT 3,6-4,5)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	56
Prop. Delay (ns), Limit 498	[Pair 3,6]	86
Delay Skew (ns), Limit 44	[Pair 3,6]	4
Resistance (ohms)	[Pair 4,5]	2.87
Insertion Loss Margin (dB)	[Pair 7,8]	24.8
Frequency (MHz)	[Pair 7,8]	247.0
Limit (dB)	[Pair 7,8]	30.9



56 ft

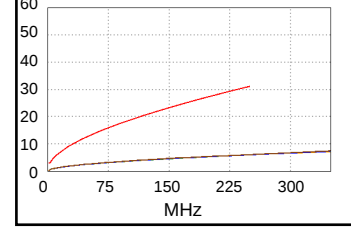


Wire Map (T568B)

PASS

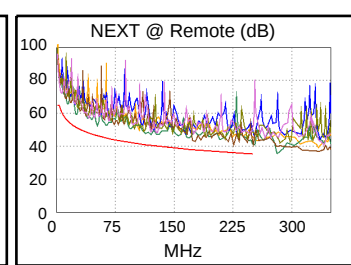
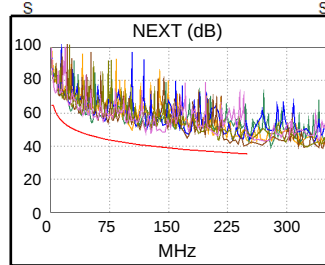


Insertion Loss (dB)

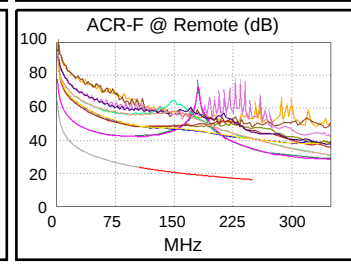
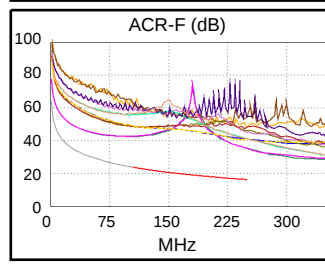


Worst Case Margin Worst Case Value

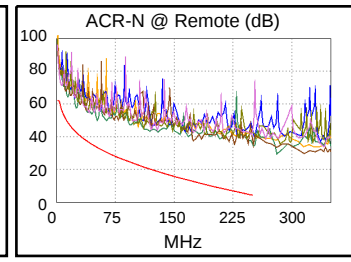
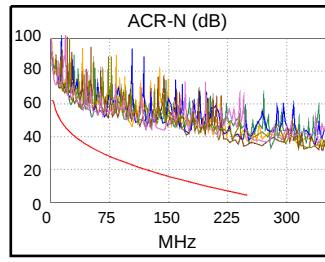
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	4.0	4.4	4.0	4.7
Freq. (MHz)	250.0	175.5	250.0	226.5
Limit (dB)	35.3	37.9	35.3	36.0
Worst Pair	3,6	4,5	3,6	4,5
PS NEXT (dB)	5.2	5.1	5.2	5.5
Freq. (MHz)	250.0	175.5	250.0	250.0
Limit (dB)	32.7	35.3	32.7	32.7



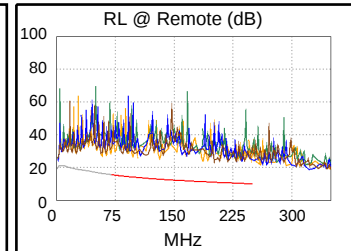
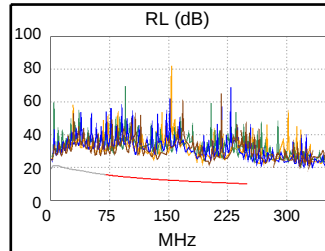
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-1,2	1,2-4,5	1,2-4,5	1,2-4,5
ACR-F (dB)	13.6	13.7	18.8	18.9
Freq. (MHz)	4.1	4.5	250.0	250.0
Limit (dB)	51.9	51.1	16.2	16.2
Worst Pair	1,2	4,5	4,5	1,2
PS ACR-F (dB)	16.0	16.1	20.6	20.6
Freq. (MHz)	1.1	2.0	250.0	250.0
Limit (dB)	60.2	55.2	13.2	13.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	4,5-7,8	3,6-4,5	3,6-4,5
ACR-N (dB)	14.5	14.1	29.1	28.4
Freq. (MHz)	5.9	5.6	250.0	226.5
Limit (dB)	57.2	57.6	4.2	6.7
Worst Pair	7,8	4,5	3,6	4,5
PS ACR-N (dB)	14.7	14.5	30.3	30.6
Freq. (MHz)	4.4	4.9	250.0	250.0
Limit (dB)	57.5	56.6	1.6	1.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	10.5	12.0	10.5	12.0
Freq. (MHz)	202.5	202.5	202.5	202.5
Limit (dB)	10.9	10.9	10.9	10.9



Compliant Network Standards:

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

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

LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks



Cable ID/ Test ID: AP002

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 11:46:04 AM

Operator: Matt Fiske

Headroom 4.1 dB (NEXT 1,2-3,6)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	102
Prop. Delay (ns), Limit 498	[Pair 3,6]	157
Delay Skew (ns), Limit 44	[Pair 3,6]	7
Resistance (ohms)	[Pair 3,6]	5.27
Insertion Loss Margin (dB)	[Pair 7,8]	20.2
Frequency (MHz)	[Pair 7,8]	249.0
Limit (dB)	[Pair 7,8]	31.0

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	4,5-7,8	1,2-4,5	3,6-7,8
NEXT (dB)	4.1	5.4	5.3	6.3
Freq. (MHz)	118.5	199.0	229.5	238.5
Limit (dB)	40.6	37.0	35.9	35.7
Worst Pair	1,2	4,5	3,6	4,5
PS NEXT (dB)	4.8	4.7	7.2	4.7
Freq. (MHz)	117.5	199.5	245.0	199.5
Limit (dB)	38.1	34.3	32.9	34.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	4,5-1,2	1,2-4,5	1,2-4,5
ACR-F (dB)	11.3	11.2	11.6	12.2
Freq. (MHz)	190.0	190.0	215.0	228.0
Limit (dB)	18.6	18.6	17.5	17.0
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	13.2	13.2	13.4	13.7
Freq. (MHz)	207.0	212.0	215.0	228.5
Limit (dB)	14.9	14.7	14.5	14.0

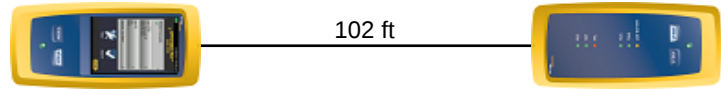
N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	4,5-7,8	1,2-4,5	3,6-7,8
ACR-N (dB)	12.5	12.5	24.8	26.0
Freq. (MHz)	12.5	13.0	229.5	238.5
Limit (dB)	50.1	49.7	6.3	5.4
Worst Pair	7,8	7,8	3,6	7,8
PS ACR-N (dB)	12.2	11.5	27.4	26.3
Freq. (MHz)	11.8	12.4	245.0	238.5
Limit (dB)	48.4	47.8	2.1	2.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	1,2
RL (dB)	8.9	9.8	12.5	11.9
Freq. (MHz)	27.4	33.0	224.5	187.0
Limit (dB)	18.8	18.4	10.5	11.3

Compliant Network Standards:

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

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

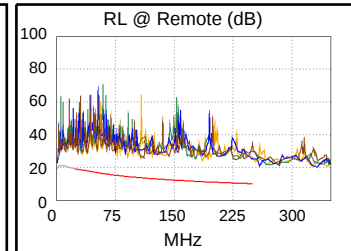
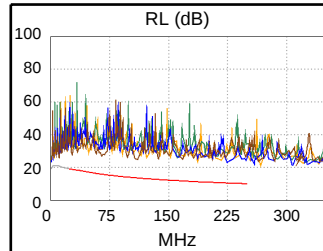
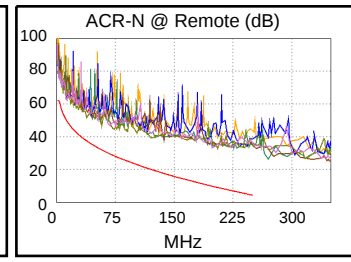
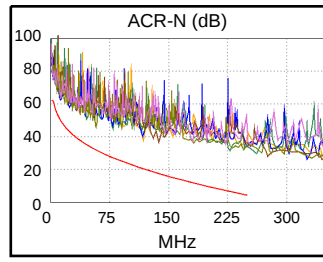
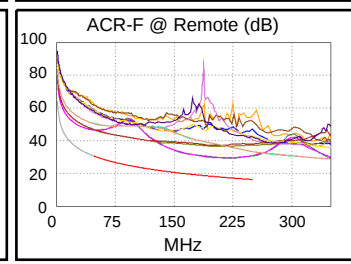
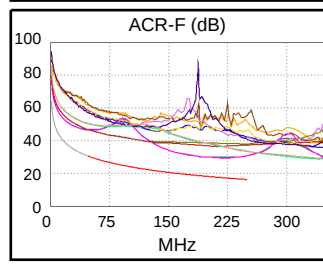
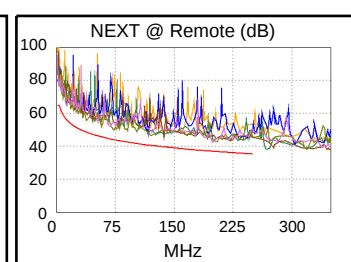
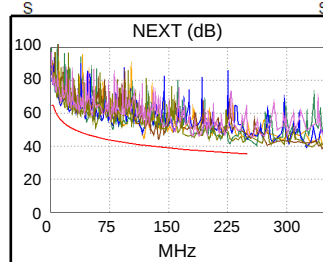
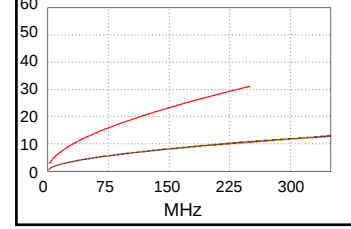


Wire Map (T568B)

PASS



Insertion Loss (dB)



LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks



Cable ID/ Test ID: AP003

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 11:48:04 AM

Operator: Matt Fiske

Headroom 3.7 dB (NEXT 1,2-3,6)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	175
Prop. Delay (ns), Limit 498	[Pair 3,6]	270
Delay Skew (ns), Limit 44	[Pair 3,6]	13
Resistance (ohms)	[Pair 3,6]	8.92
Insertion Loss Margin (dB)	[Pair 7,8]	12.8
Frequency (MHz)	[Pair 7,8]	250.0
Limit (dB)	[Pair 7,8]	31.1

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	3,6-7,8
NEXT (dB)	3.7	3.7	3.8	6.5
Freq. (MHz)	123.5	123.0	207.0	236.5
Limit (dB)	40.4	40.4	36.7	35.7
Worst Pair	7,8	3,6	7,8	3,6
PS NEXT (dB)	4.9	5.1	4.9	5.9
Freq. (MHz)	207.0	123.0	207.0	228.5
Limit (dB)	34.1	37.8	34.1	33.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	7,8-4,5	4,5-7,8
ACR-F (dB)	11.0	10.9	13.1	12.7
Freq. (MHz)	45.8	43.8	218.0	214.5
Limit (dB)	31.0	31.4	17.4	17.6
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	11.4	11.4	13.1	13.1
Freq. (MHz)	5.3	5.8	220.5	220.5
Limit (dB)	46.8	46.0	14.3	14.3

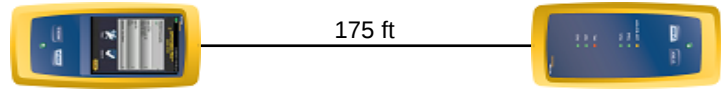
N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	1,2-7,8	3,6-4,5
ACR-N (dB)	7.5	7.7	19.0	19.9
Freq. (MHz)	7.8	7.8	248.0	247.5
Limit (dB)	54.7	54.7	4.4	4.5
Worst Pair	7,8	7,8	3,6	3,6
PS ACR-N (dB)	8.8	8.9	19.6	19.8
Freq. (MHz)	7.8	7.8	250.0	247.5
Limit (dB)	52.4	52.4	1.6	1.9

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	1,2
RL (dB)	7.7	10.3	11.9	12.6
Freq. (MHz)	10.1	23.4	241.5	223.0
Limit (dB)	21.0	19.2	10.2	10.5

Compliant Network Standards:

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

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

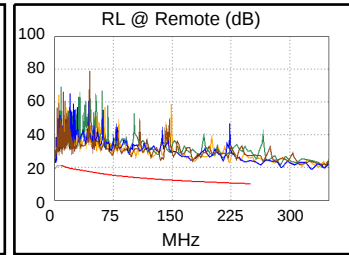
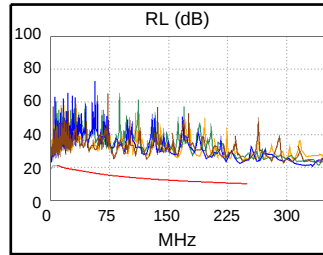
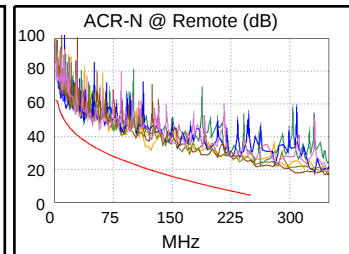
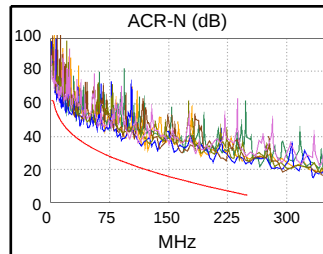
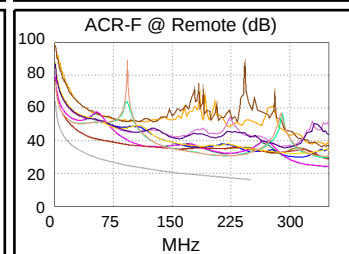
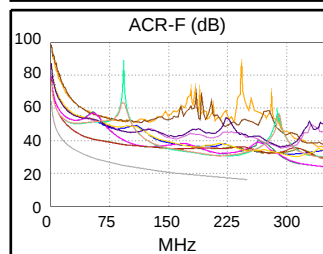
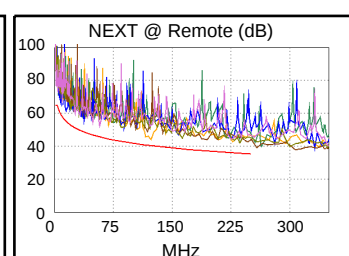
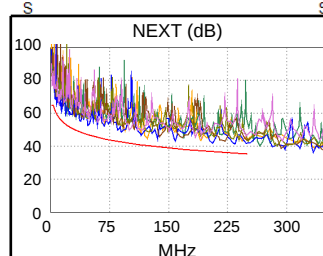
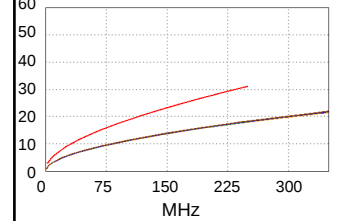


Wire Map (T568B)

PASS



Insertion Loss (dB)



LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

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networks



Cable ID/ Test ID: AP004

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 11:50:11 AM

Operator: Matt Fiske

Headroom 3.8 dB (NEXT 1,2-4,5)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	105
Prop. Delay (ns), Limit 498	[Pair 3,6]	162
Delay Skew (ns), Limit 44	[Pair 3,6]	8
Resistance (ohms)	[Pair 3,6]	5.41
Insertion Loss Margin (dB)	[Pair 4,5]	20.0
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	31.1

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	3,6-4,5	1,2-4,5
NEXT (dB)	6.0	3.8	7.1	5.2
Freq. (MHz)	24.9	24.9	234.5	245.0
Limit (dB)	51.6	51.6	35.8	35.5
Worst Pair	3,6	4,5	3,6	4,5
PS NEXT (dB)	7.1	4.2	7.1	4.9
Freq. (MHz)	234.5	138.5	234.5	244.5
Limit (dB)	33.2	37.0	33.2	32.9

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	4,5-7,8	7,8-4,5
ACR-F (dB)	15.9	16.0	17.4	17.4
Freq. (MHz)	195.5	193.5	250.0	250.0
Limit (dB)	18.4	18.5	16.2	16.2
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	16.9	16.8	18.2	17.8
Freq. (MHz)	195.5	3.4	240.5	241.5
Limit (dB)	15.4	50.6	13.6	13.5

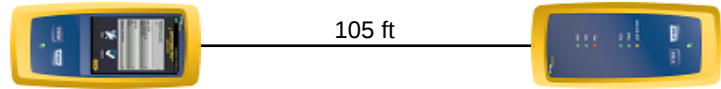
N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	3,6-4,5	1,2-4,5
ACR-N (dB)	9.8	8.6	26.5	25.1
Freq. (MHz)	11.0	11.6	234.5	245.0
Limit (dB)	51.4	50.8	5.8	4.7
Worst Pair	4,5	4,5	3,6	4,5
PS ACR-N (dB)	11.7	10.4	27.9	24.7
Freq. (MHz)	11.4	11.8	250.0	244.5
Limit (dB)	48.7	48.4	1.6	2.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	4,5
RL (dB)	11.9	10.9	13.5	13.7
Freq. (MHz)	49.5	104.0	221.0	245.5
Limit (dB)	17.1	13.8	10.6	10.1

Compliant Network Standards:

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

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

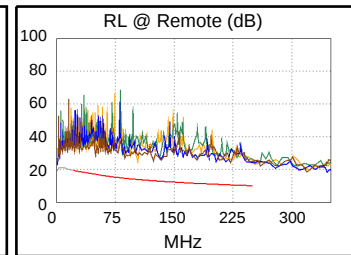
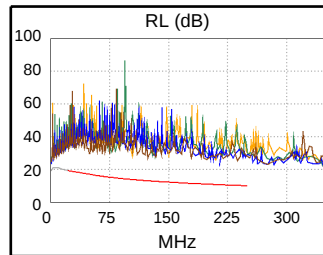
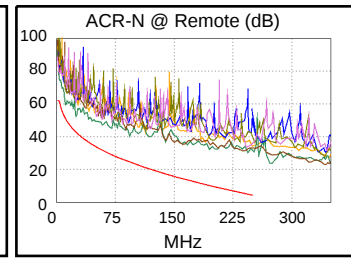
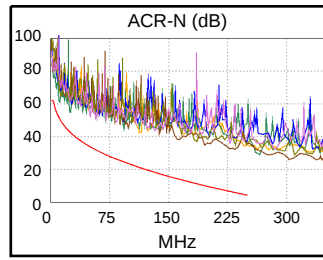
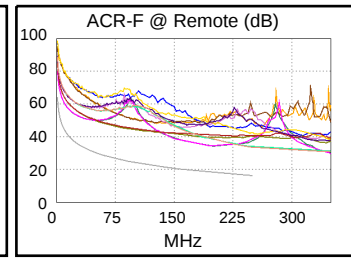
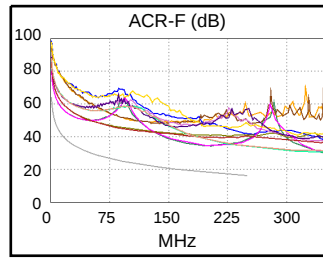
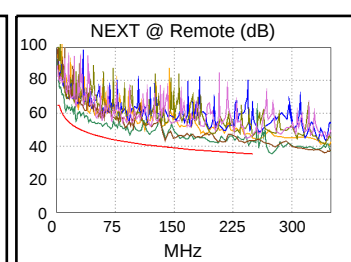
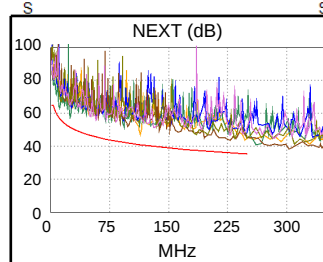
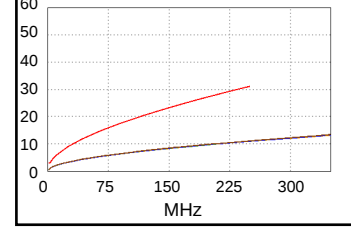


Wire Map (T568B)

PASS



Insertion Loss (dB)



LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

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Cable ID/ Test ID: AP005

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 11:51:58 AM

Operator: Matt Fiske

Headroom 3.6 dB (NEXT 1,2-7,8)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	151
Prop. Delay (ns), Limit 498	[Pair 3,6]	234
Delay Skew (ns), Limit 44	[Pair 3,6]	11
Resistance (ohms)	[Pair 3,6]	7.78
Insertion Loss Margin (dB)	[Pair 4,5]	15.2
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	31.1

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	3,6-4,5	3,6-4,5
NEXT (dB)	3.6	3.6	6.7	6.0
Freq. (MHz)	28.6	28.5	233.5	234.5
Limit (dB)	50.6	50.6	35.8	35.8
Worst Pair	7,8	3,6	4,5	1,2
PS NEXT (dB)	4.9	4.6	7.0	6.6
Freq. (MHz)	28.6	115.0	234.0	243.5
Limit (dB)	48.2	38.3	33.2	32.9

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)	11.6	11.5	13.4	13.5
Freq. (MHz)	178.0	178.0	250.0	250.0
Limit (dB)	19.2	19.2	16.2	16.2
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	12.3	12.3	13.7	14.0
Freq. (MHz)	1.1	1.3	250.0	247.0
Limit (dB)	60.2	59.3	13.2	13.3

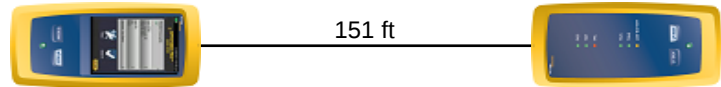
N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	3,6-4,5	3,6-4,5
ACR-N (dB)	8.1	8.0	21.4	20.7
Freq. (MHz)	28.6	28.4	233.5	234.5
Limit (dB)	41.1	41.2	5.9	5.8
Worst Pair	7,8	7,8	4,5	1,2
PS ACR-N (dB)	9.4	9.3	21.8	21.8
Freq. (MHz)	28.8	28.8	234.0	243.5
Limit (dB)	38.6	38.6	3.2	2.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	1,2	7,8
RL (dB)	8.7	9.5	11.4	12.1
Freq. (MHz)	11.6	18.5	180.0	241.0
Limit (dB)	20.7	19.7	11.4	10.2

Compliant Network Standards:

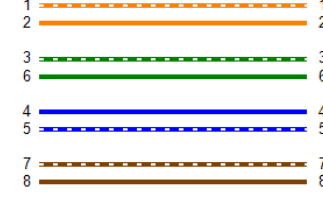
10BASE-T 100BASE-TX
1000BASE-T 2.5GBASE-T
ATM-25 ATM-51
100VG-AnyLan TR-4
TR-16 Passive

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

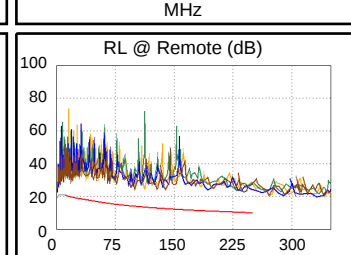
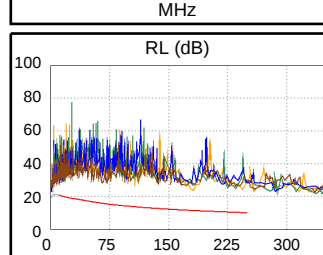
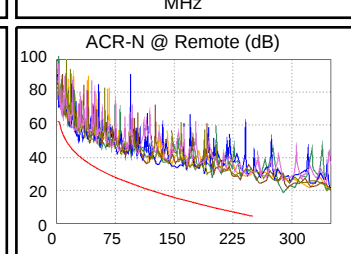
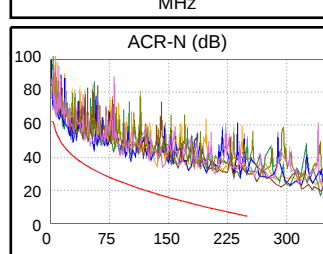
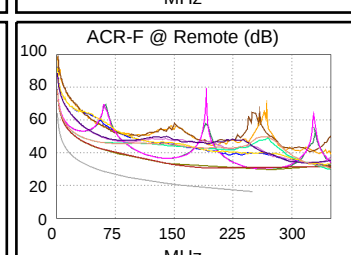
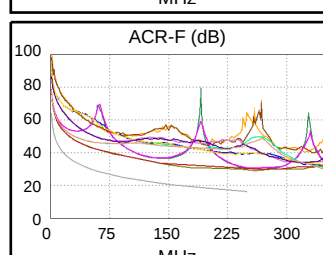
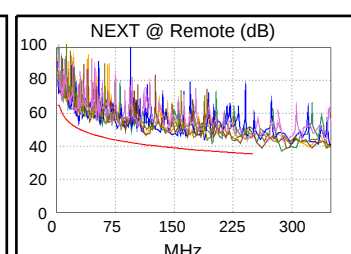
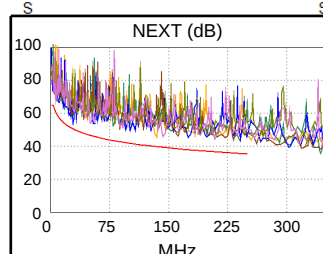
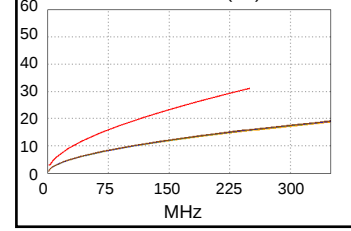


Wire Map (T568B)

PASS



Insertion Loss (dB)



LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

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Cable ID/ Test ID: AP006

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 11:53:37 AM

Operator: Matt Fiske

Headroom 2.8 dB (NEXT 3,6-4,5)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	248
Prop. Delay (ns), Limit 498	[Pair 3,6]	382
Delay Skew (ns), Limit 44	[Pair 3,6]	17
Resistance (ohms)	[Pair 3,6]	12.65
Insertion Loss Margin (dB)	[Pair 7,8]	5.3
Frequency (MHz)	[Pair 7,8]	250.0
Limit (dB)	[Pair 7,8]	31.1

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	3,6-4,5	1,2-4,5	3,6-7,8
NEXT (dB)	4.4	2.8	4.4	2.9
Freq. (MHz)	222.5	166.5	222.5	206.5
Limit (dB)	36.2	38.2	36.2	36.7
Worst Pair	1,2	3,6	1,2	3,6
PS NEXT (dB)	5.3	4.1	5.4	5.8
Freq. (MHz)	137.5	168.0	211.0	242.5
Limit (dB)	37.0	35.6	33.9	32.9

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)	12.3	12.2	14.4	14.3
Freq. (MHz)	4.4	4.4	236.5	236.5
Limit (dB)	51.4	51.4	16.7	16.7
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	14.0	13.8	14.9	14.7
Freq. (MHz)	153.5	148.5	249.5	249.5
Limit (dB)	17.5	17.8	13.2	13.2

N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	1,2-7,8	1,2-4,5	3,6-7,8
ACR-N (dB)	7.1	4.9	9.5	7.5
Freq. (MHz)	22.4	15.4	222.5	206.5
Limit (dB)	43.9	48.0	7.1	8.8
Worst Pair	7,8	7,8	1,2	3,6
PS ACR-N (dB)	7.4	5.8	14.1	11.2
Freq. (MHz)	22.4	22.4	249.5	242.5
Limit (dB)	41.5	41.5	1.7	2.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	1,2	1,2
RL (dB)	7.8	8.3	13.8	12.4
Freq. (MHz)	4.3	4.3	250.0	224.0
Limit (dB)	21.0	21.0	10.0	10.5

Compliant Network Standards:

10BASE-T 100BASE-TX

1000BASE-T 2.5GBASE-T

ATM-25 ATM-51

100VG-AnyLan TR-4

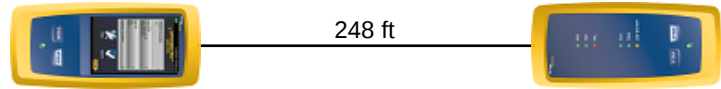
TR-16 Passive

100BASE-T4

5GBASE-T

ATM-155

TR-16 Active

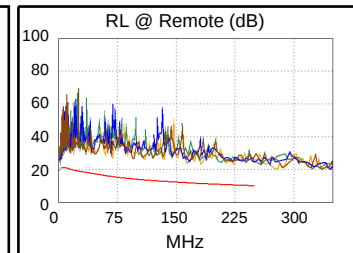
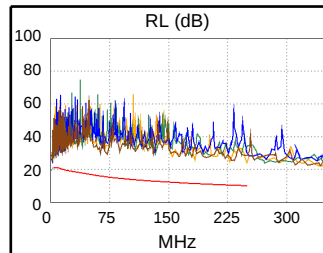
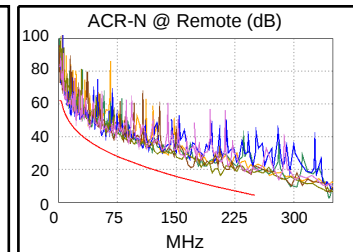
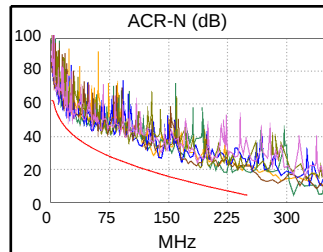
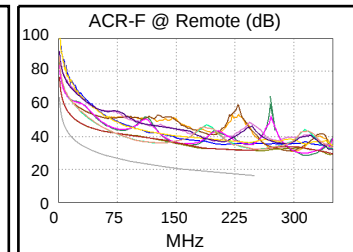
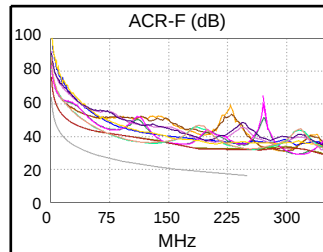
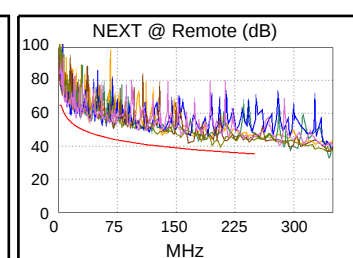
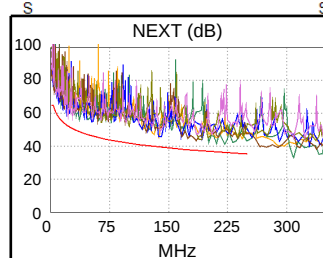
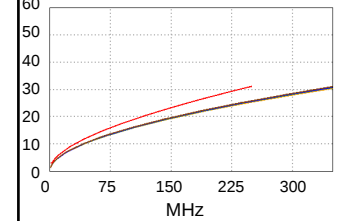


Wire Map (T568B)

PASS



Insertion Loss (dB)



LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

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Cable ID/ Test ID: AP007

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 01:15:24 PM

Operator: Matt Fiske

Headroom 2.2 dB (NEXT 3,6-7,8)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	166
Prop. Delay (ns), Limit 498	[Pair 3,6]	256
Delay Skew (ns), Limit 44	[Pair 3,6]	12
Resistance (ohms)	[Pair 3,6]	8.57
Insertion Loss Margin (dB)	[Pair 4,5]	13.8
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	31.1

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-4,5	3,6-7,8	3,6-4,5
NEXT (dB)	2.2	5.5	2.2	6.0
Freq. (MHz)	194.0	160.5	194.0	241.5
Limit (dB)	37.1	38.5	37.1	35.6
Worst Pair	3,6	4,5	3,6	4,5
PS NEXT (dB)	3.9	5.1	3.9	6.4
Freq. (MHz)	193.5	158.0	193.5	239.5
Limit (dB)	34.6	36.0	34.6	33.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-1,2	1,2-4,5	1,2-4,5	1,2-4,5
ACR-F (dB)	13.0	12.8	13.9	14.3
Freq. (MHz)	120.5	119.0	245.5	250.0
Limit (dB)	22.6	22.7	16.4	16.2
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	14.5	14.6	14.5	14.7
Freq. (MHz)	246.5	122.0	246.5	245.5
Limit (dB)	13.4	19.5	13.4	13.4

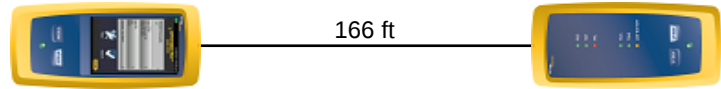
N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-7,8	3,6-7,8	3,6-4,5
ACR-N (dB)	11.0	11.2	16.9	20.4
Freq. (MHz)	3.5	6.3	226.0	249.5
Limit (dB)	61.7	56.7	6.7	4.3
Worst Pair	1,2	7,8	3,6	4,5
PS ACR-N (dB)	11.0	11.3	20.5	20.0
Freq. (MHz)	27.4	3.8	250.0	240.0
Limit (dB)	39.2	58.6	1.6	2.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	1,2	7,8
RL (dB)	8.1	10.1	14.0	10.1
Freq. (MHz)	10.8	207.5	241.0	207.5
Limit (dB)	20.8	10.8	10.2	10.8

Compliant Network Standards:

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

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

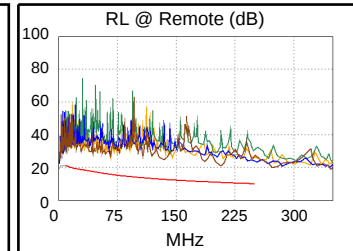
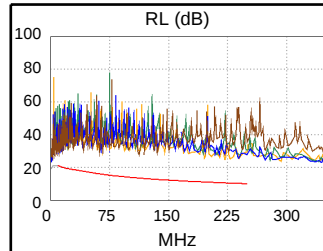
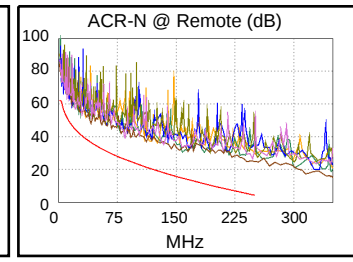
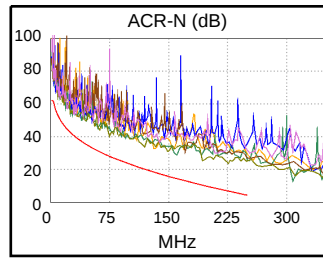
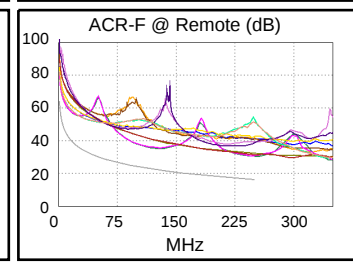
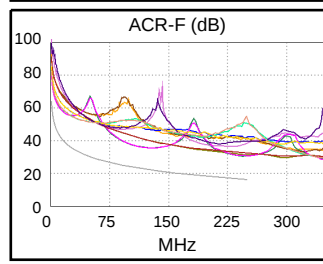
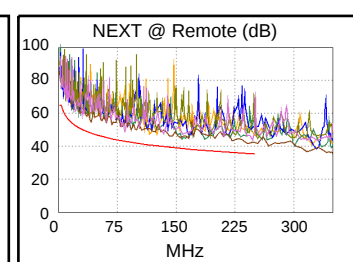
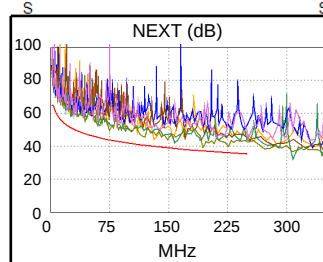
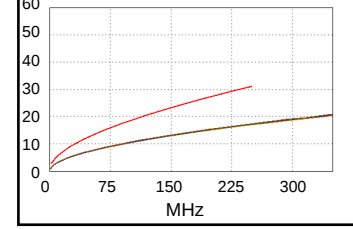


Wire Map (T568B)

PASS



Insertion Loss (dB)



LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

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Cable ID/ Test ID: B001

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 01:08:54 PM

Operator: Matt Fiske

Headroom 4.7 dB (NEXT 4,5-7,8)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	56
Prop. Delay (ns), Limit 498	[Pair 3,6]	86
Delay Skew (ns), Limit 44	[Pair 3,6]	4
Resistance (ohms)	[Pair 3,6]	2.93
Insertion Loss Margin (dB)	[Pair 4,5]	25.0
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	31.1



56 ft

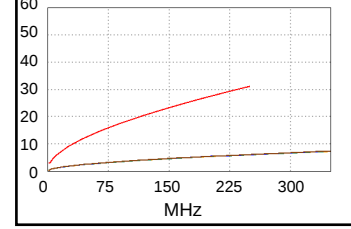


Wire Map (T568B)

PASS

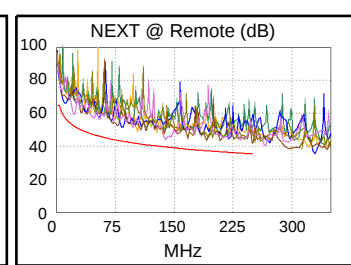
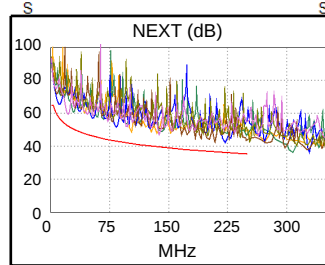


Insertion Loss (dB)

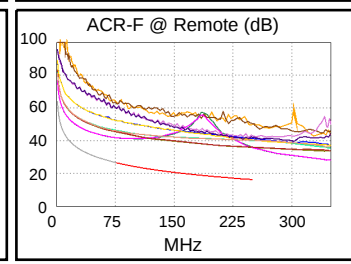
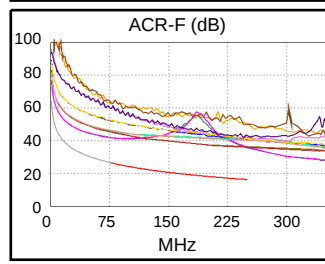


Worst Case Margin Worst Case Value

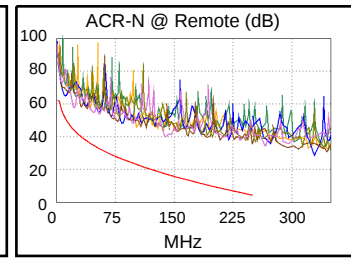
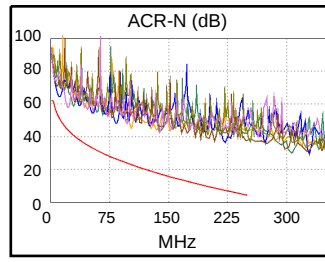
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-7,8	3,6-4,5	3,6-4,5
NEXT (dB)	5.7	4.7	5.7	6.7
Freq. (MHz)	250.0	139.0	250.0	250.0
Limit (dB)	35.3	39.5	35.3	35.3
Worst Pair	4,5	4,5	4,5	7,8
PS NEXT (dB)	6.4	5.0	7.3	6.8
Freq. (MHz)	138.5	138.5	250.0	219.0
Limit (dB)	37.0	37.0	32.7	33.7



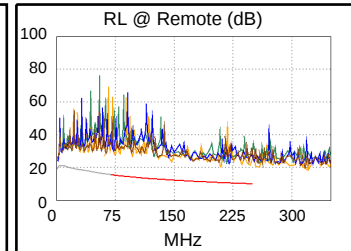
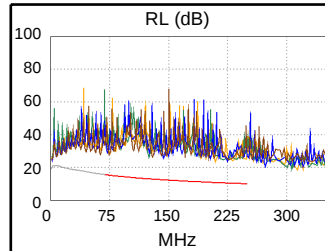
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-1,2	1,2-4,5	3,6-4,5	3,6-4,5
ACR-F (dB)	12.9	12.9	19.2	19.2
Freq. (MHz)	5.3	3.8	250.0	248.5
Limit (dB)	49.8	52.7	16.2	16.3
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	13.8	13.7	18.7	18.9
Freq. (MHz)	2.4	1.6	250.0	250.0
Limit (dB)	53.7	57.0	13.2	13.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	3,6-4,5	3,6-4,5
ACR-N (dB)	12.6	12.9	30.7	31.7
Freq. (MHz)	10.5	9.6	250.0	250.0
Limit (dB)	51.8	52.7	4.2	4.2
Worst Pair	1,2	7,8	4,5	4,5
PS ACR-N (dB)	14.1	14.0	32.3	33.1
Freq. (MHz)	10.5	7.5	250.0	250.0
Limit (dB)	49.5	52.7	1.6	1.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	1,2	1,2
RL (dB)	12.4	9.7	12.7	10.4
Freq. (MHz)	74.8	209.5	247.5	248.0
Limit (dB)	15.3	10.8	10.1	10.1



Compliant Network Standards:

10BASE-T 100BASE-TX

1000BASE-T 2.5GBASE-T

ATM-25 ATM-51

100VG-AnyLan TR-4

TR-16 Passive

100BASE-T4

5GBASE-T

ATM-155

TR-16 Active

LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

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Cable ID/ Test ID: B002

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 01:09:33 PM

Operator: Matt Fiske

Headroom 6.0 dB (NEXT 3,6-7,8)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	56
Prop. Delay (ns), Limit 498	[Pair 3,6]	86
Delay Skew (ns), Limit 44	[Pair 3,6]	4
Resistance (ohms)	[Pair 3,6]	2.86
Insertion Loss Margin (dB)	[Pair 3,6]	25.1
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	31.1

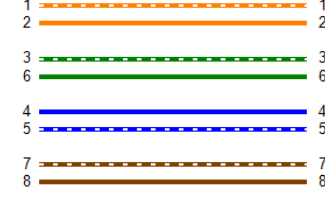


56 ft

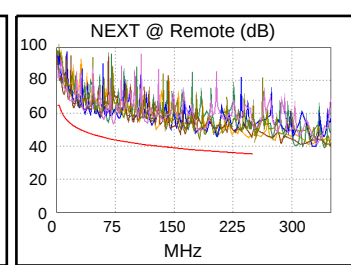
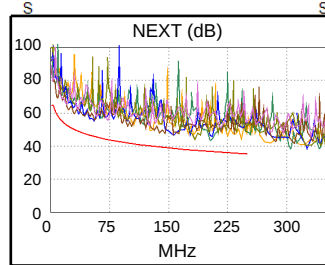


Wire Map (T568B)

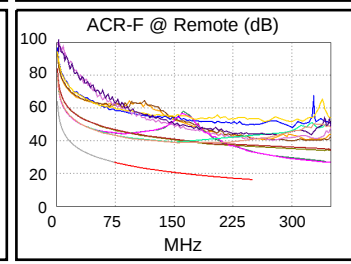
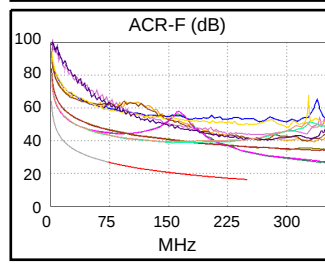
PASS



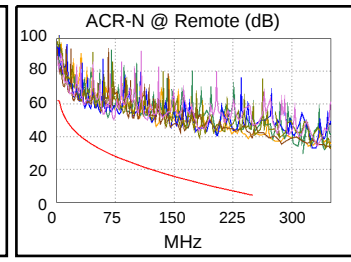
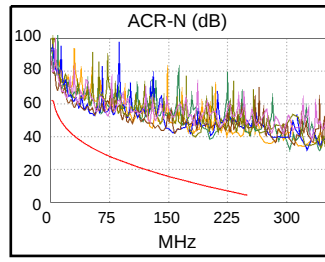
	Worst Case Margin	Worst Case Value	MAIN	SR
PASS				
Worst Pair	3,6-7,8	3,6-7,8	1,2-4,5	1,2-3,6
NEXT (dB)	6.0	7.1	6.5	8.7
Freq. (MHz)	182.5	182.5	204.5	243.5
Limit (dB)	37.6	37.6	36.8	35.5
Worst Pair	1,2	7,8	1,2	3,6
PS NEXT (dB)	6.8	7.8	6.9	9.4
Freq. (MHz)	204.5	182.5	205.0	243.5
Limit (dB)	34.2	35.0	34.1	32.9



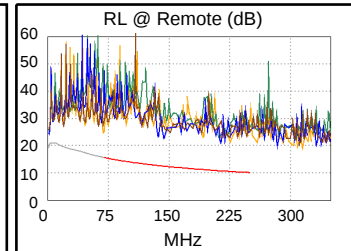
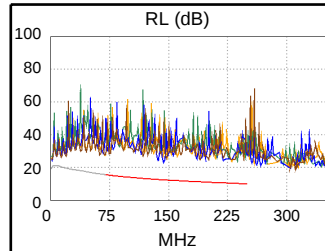
	Worst Case Margin	Worst Case Value	MAIN	SR
PASS				
Worst Pair	4,5-1,2	1,2-4,5	1,2-4,5	1,2-4,5
ACR-F (dB)	14.8	14.9	16.9	16.9
Freq. (MHz)	5.3	7.0	250.0	250.0
Limit (dB)	49.8	47.3	16.2	16.2
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	14.1	14.2	17.6	17.7
Freq. (MHz)	1.3	2.4	250.0	250.0
Limit (dB)	59.3	53.7	13.2	13.2



	Worst Case Margin	Worst Case Value	MAIN	SR
N/A				
Worst Pair	3,6-4,5	3,6-4,5	1,2-4,5	1,2-3,6
ACR-N (dB)	14.5	17.1	28.8	33.4
Freq. (MHz)	8.4	8.5	204.5	243.5
Limit (dB)	54.0	53.8	9.1	4.9
Worst Pair	4,5	4,5	1,2	3,6
PS ACR-N (dB)	16.1	18.0	29.2	34.1
Freq. (MHz)	3.4	21.5	204.5	243.5
Limit (dB)	58.8	42.0	6.5	2.3



	Worst Case Margin	Worst Case Value	MAIN	SR
PASS				
Worst Pair	4,5	1,2	4,5	1,2
RL (dB)	10.6	10.1	10.6	10.2
Freq. (MHz)	144.0	70.0	144.0	226.5
Limit (dB)	12.4	15.5	12.4	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		

LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
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Cable ID/ Test ID: B003

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 01:10:05 PM

Operator: Matt Fiske

Headroom 4.7 dB (NEXT 3,6-4,5)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	37
Prop. Delay (ns), Limit 498	[Pair 3,6]	58
Delay Skew (ns), Limit 44	[Pair 3,6]	3
Resistance (ohms)	[Pair 3,6]	1.96
Insertion Loss Margin (dB)	[Pair 7,8]	26.6
Frequency (MHz)	[Pair 7,8]	248.5
Limit (dB)	[Pair 7,8]	31.0

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	4.7	4.7	4.7	5.1
Freq. (MHz)	207.0	152.5	207.0	207.0
Limit (dB)	36.7	38.9	36.7	36.7
Worst Pair	4,5	4,5	3,6	4,5
PS NEXT (dB)	6.3	6.1	7.7	6.1
Freq. (MHz)	207.0	207.0	249.5	207.0
Limit (dB)	34.1	34.1	32.7	34.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-1,2	1,2-4,5	4,5-1,2	1,2-4,5
ACR-F (dB)	11.7	11.7	16.3	16.2
Freq. (MHz)	3.6	3.6	150.5	150.5
Limit (dB)	53.0	53.0	20.6	20.6
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	12.9	13.5	18.2	17.8
Freq. (MHz)	1.0	2.4	168.0	166.5
Limit (dB)	61.2	53.7	16.7	16.8

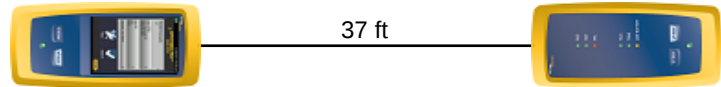
N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-7,8	3,6-4,5	3,6-4,5
ACR-N (dB)	14.2	15.0	33.1	33.5
Freq. (MHz)	3.8	8.1	250.0	250.0
Limit (dB)	61.1	54.3	4.2	4.2
Worst Pair	1,2	1,2	3,6	4,5
PS ACR-N (dB)	15.3	15.4	34.5	30.2
Freq. (MHz)	4.3	8.8	249.5	207.0
Limit (dB)	57.8	51.2	1.7	6.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	11.7	9.5	11.7	10.1
Freq. (MHz)	248.0	130.0	248.0	248.5
Limit (dB)	10.1	12.9	10.1	10.0

Compliant Network Standards:

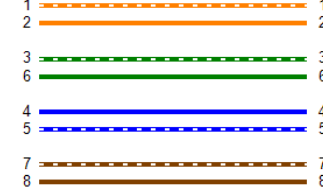
10BASE-T 100BASE-TX
1000BASE-T 2.5GBASE-T
ATM-25 ATM-51
100VG-AnyLan TR-4
TR-16 Passive

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

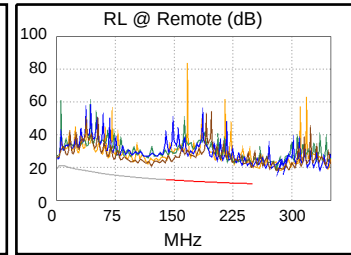
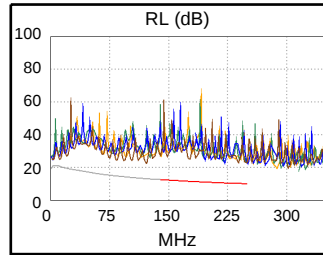
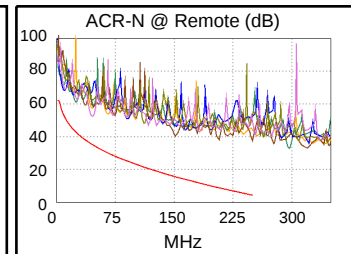
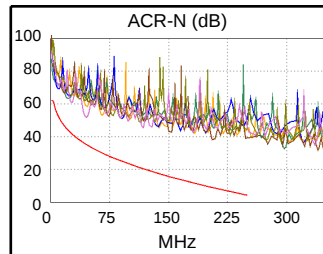
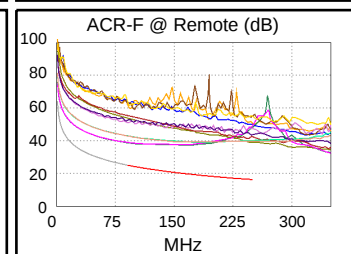
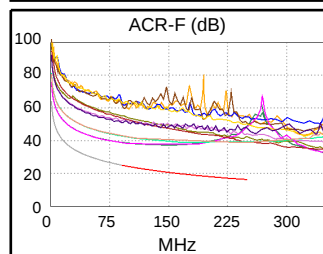
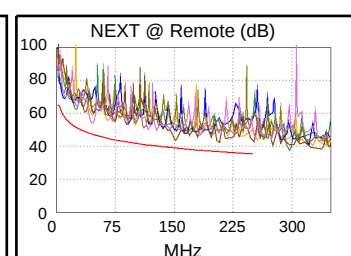
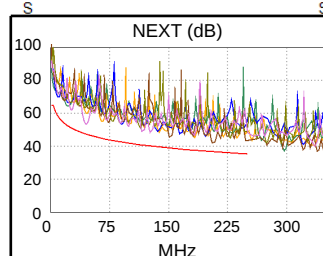
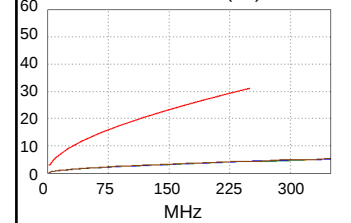


Wire Map (T568B)

PASS



Insertion Loss (dB)



LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

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networks



Cable ID/ Test ID: B004

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.11

Date / Time: 12/02/2025 01:11:57 PM

Operator: Matt Fiske

Headroom 2.2 dB (NEXT 1,2-4,5)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2420075

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000 (DSX-PLA004)

S/N: 24290089

Test Summary: PASS

Remote: Versiv

S/N: 2420290

Software Version: V6.13 Build 2

Calibration Date: 07/01/2025

Adapter: DSX-5000R (DSX-PLA004)

S/N: 20022174

Length (ft), Limit 295	[Pair 1,2]	38
Prop. Delay (ns), Limit 498	[Pair 3,6]	58
Delay Skew (ns), Limit 44	[Pair 3,6]	2
Resistance (ohms)	[Pair 3,6]	1.93
Insertion Loss Margin (dB)	[Pair 4,5]	26.8
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	31.1



38 ft

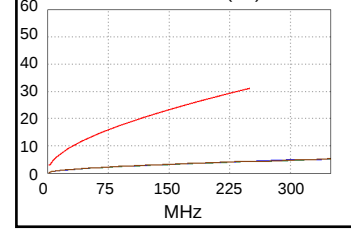


Wire Map (T568B)

PASS

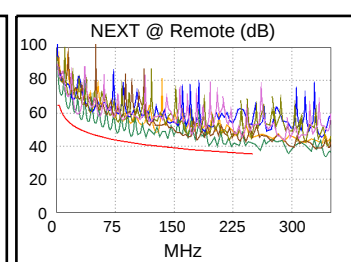
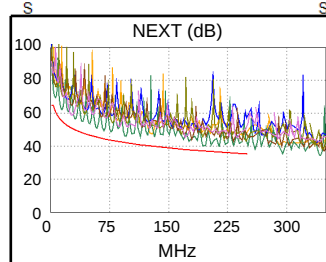


Insertion Loss (dB)

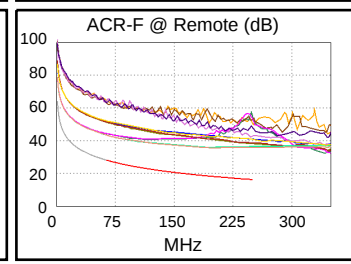
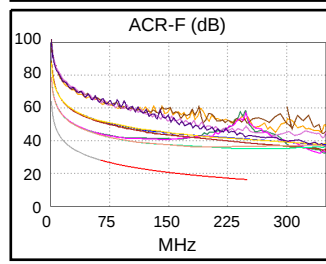


Worst Case Margin Worst Case Value

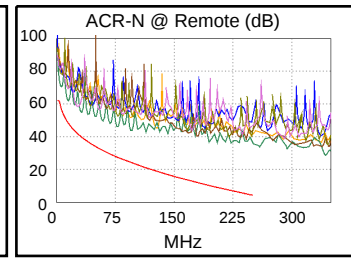
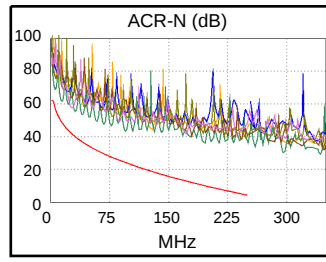
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	1,2-4,5
NEXT (dB)	2.2	3.0	2.2	3.6
Freq. (MHz)	195.5	195.5	195.5	223.5
Limit (dB)	37.1	37.1	37.1	36.1
Worst Pair	4,5	4,5	4,5	4,5
PS NEXT (dB)	4.0	4.8	5.5	5.0
Freq. (MHz)	195.5	196.0	242.0	232.5
Limit (dB)	34.5	34.5	32.9	33.2



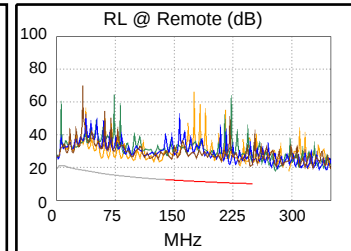
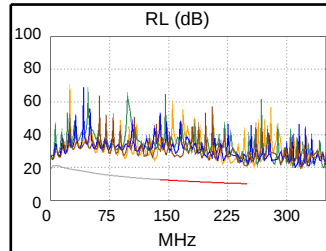
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-4,5	4,5-7,8	4,5-7,8	7,8-4,5
ACR-F (dB)	14.6	14.6	18.5	18.4
Freq. (MHz)	4.8	4.8	240.0	237.5
Limit (dB)	50.7	50.7	16.6	16.7
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	14.3	14.2	20.1	19.7
Freq. (MHz)	1.5	1.6	241.5	236.0
Limit (dB)	57.7	57.0	13.5	13.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	1,2-4,5
ACR-N (dB)	11.1	12.4	25.5	31.6
Freq. (MHz)	4.9	4.0	195.5	250.0
Limit (dB)	58.9	60.6	10.1	4.2
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-N (dB)	12.6	14.0	31.8	31.6
Freq. (MHz)	4.5	4.5	242.0	241.5
Limit (dB)	57.3	57.3	2.4	2.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	9.7	10.0	9.7	10.1
Freq. (MHz)	248.0	248.0	248.0	248.5
Limit (dB)	10.1	10.1	10.1	10.0



Compliant Network Standards:

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

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

LinkWare™ PC Version 11.7

Project: SKYWORKS

Site: Not Set

Floor: Not Set

Rack: Not Set

Skyworks Cert Records.flw

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks