

LinkWare Live

Official Summary

Certification Report



Exclusively For:		Prepared By:	Projects
		ICS	LDS 5294495
		josiah bandy	
		greensiah@gmail.com	
Product Name	Serial Number	Firmware Version	Calibration Date
DSX-5000	3408079	V6.14 Build 9	06/22/2026
DSX-5000	3420195	V6.14 Build 9	06/22/2026

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
P1-AP-01	PASS	TIA Cat 6A Perm. Link	133 ft	6.4 dB (NEXT)	07/31/2026 06:02:23 PM
P1-AP-02	PASS	TIA Cat 6A Perm. Link	96 ft	8.2 dB (NEXT)	07/31/2026 06:00:57 PM
P1-AP-03	PASS	TIA Cat 6A Perm. Link	68 ft	6.9 dB (NEXT)	07/31/2026 05:58:32 PM
P1-AP-04	PASS	TIA Cat 6A Perm. Link	186 ft	7.5 dB (NEXT)	07/31/2026 06:12:56 PM
P1-AP-05	PASS	TIA Cat 6A Perm. Link	169 ft	7.6 dB (NEXT)	07/31/2026 05:51:34 PM
P1-AP-06	PASS	TIA Cat 6A Perm. Link	137 ft	8.2 dB (NEXT)	07/31/2026 05:53:50 PM
P1-AP-07	PASS	TIA Cat 6A Perm. Link	204 ft	8.5 dB (NEXT)	07/31/2026 06:20:22 PM
P1-AV1-21	PASS	TIA Cat 6A Perm. Link	189 ft	7.8 dB (NEXT)	07/31/2026 05:35:05 PM
P1-AV2-21	PASS	TIA Cat 6A Perm. Link	34 ft	6.2 dB (NEXT)	07/31/2026 06:21:29 PM
P1-CAM-22	PASS	TIA Cat 6A Perm. Link	146 ft	7.3 dB (NEXT)	07/31/2026 05:50:24 PM
P1-DMARC-24	PASS	TIA Cat 6A Perm. Link	205 ft	3.7 dB (NEXT)	07/31/2026 05:33:40 PM
P1-HVAC-23	PASS	TIA Cat 6A Perm. Link	205 ft	2.5 dB (NEXT)	07/31/2026 05:31:35 PM

Total Length:	1772 ft
No of Reports:	12
No of Passing Reports:	12
No of Failing Reports:	0
No of Warning Reports:	0
Documentation only:	0

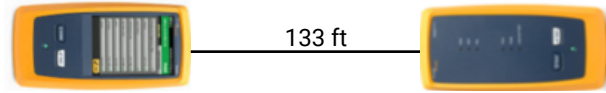


Cable ID: P1-AP-01

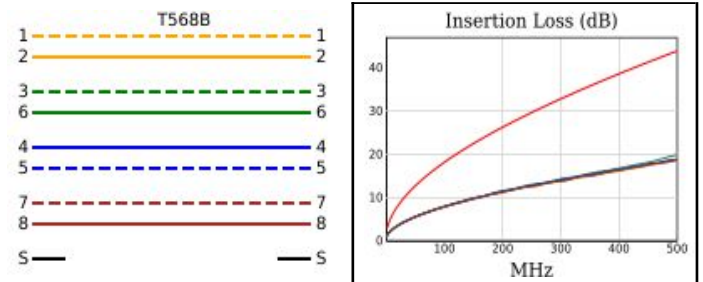
Date / Time: 07/31/2026 06:02:23 PM Operator: JOSIAH
 Headroom: 6.4 dB (NEXT) Software Version: V6.14 Build 9
 Test Limit: TIA Cat 6A Perm. Link Calibration Date:
 Cable Type: 1091 Main (Module): 06/22/2026
 NVP: 65.4% Remote (Module): 06/22/2026
 Project: LDS 5294495

Test Summary: PASS

Length (ft), Limit 295	[Pair 1,2]	133
Prop. Delay (ns), Limit 498	[Pair 4,5]	218
Delay Skew (ns), Limit 44	[Pair 4,5]	11
Resistance (ohms)	[Pair 3,6]	6.4
Insertion Loss Margin (dB)	[Pair 3,6]	24.0
Frequency (MHz)	[Pair 3,6]	500.0
Limit (dB)	[Pair 3,6]	43.8



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	1,2-3,6	3,6-4,5
NEXT (dB)	6.4	7.5	6.6	10.7
Freq. (MHz)	481.0	337.0	493.0	500.0
Limit (dB)	27.2	32.3	26.9	26.7
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	7.9	8.9	8.2	10.6
Freq. (MHz)	398.0	323.0	498.0	500.0
Limit (dB)	27.2	30.3	23.8	23.8

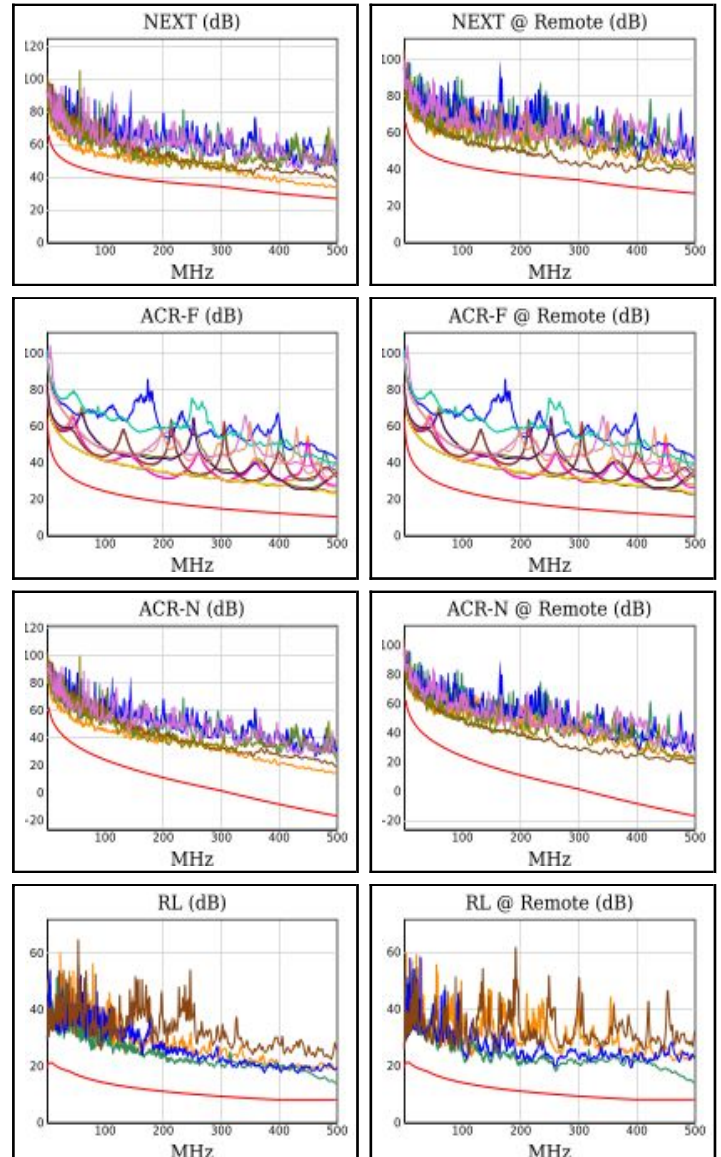
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	4,5-3,6	4,5-3,6	4,5-3,6
ACR-F (dB)	12.4	12.2	12.4	12.3
Freq. (MHz)	500.0	492.0	500.0	500.0
Limit (dB)	10.2	10.4	10.2	10.2
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	13.4	13.3	13.7	13.4
Freq. (MHz)	426.0	492.0	500.0	493.0
Limit (dB)	8.6	7.4	7.2	7.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-7,8	1,2-3,6	3,6-4,5
ACR-N (dB)	14.2	15.3	30.5	35.8
Freq. (MHz)	11.1	3.8	493.0	500.0
Limit (dB)	51.3	61.1	-16.5	-17.1
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	15.3	15.5	32.1	34.6
Freq. (MHz)	9.0	6.6	498.0	500.0
Limit (dB)	51.0	53.8	-19.8	-20.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	3,6	3,6
RL (dB)	5.8	5.9	5.8	5.9
Freq. (MHz)	498.0	500.0	498.0	500.0
Limit (dB)	8.0	8.0	8.0	8.0

Compliant Network Standards:

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





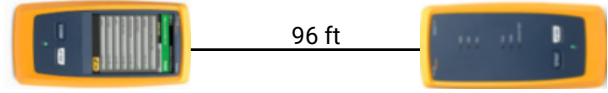
Cable ID: P1-AP-02

Test Summary: PASS

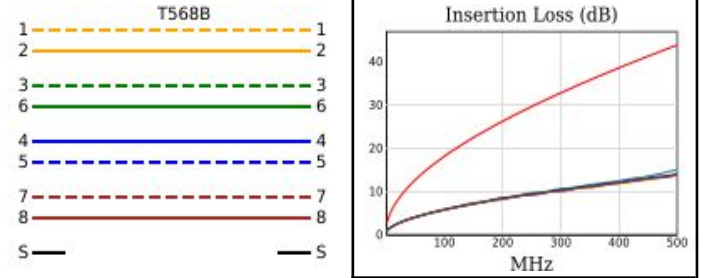
Date / Time: 07/31/2026 06:00:57 PM Operator: JOSIAH
 Headroom: 8.2 dB (NEXT) Software Version: V6.14 Build 9
 Test Limit: TIA Cat 6A Perm. Link Calibration Date:
 Cable Type: 1091 Main (Module): 06/22/2026
 NVP: 65.4% Remote (Module): 06/22/2026
 Project: LDS 5294495

Model: DSX-5000
 Main S/N: 3420195
 Remote S/N: 3408079
 Main Adapter: DSX-PLA004
 Remote Adapter: DSX-PLA004

Length (ft), Limit 295	[Pair 1,2]	96
Prop. Delay (ns), Limit 498	[Pair 3,6]	158
Delay Skew (ns), Limit 44	[Pair 3,6]	8
Resistance (ohms)	[Pair 3,6]	4.8
Insertion Loss Margin (dB)	[Pair 3,6]	28.9
Frequency (MHz)	[Pair 3,6]	500.0
Limit (dB)	[Pair 3,6]	43.8



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	1,2-3,6	3,6-4,5
NEXT (dB)	8.2	9.1	9.0	12.0
Freq. (MHz)	441.0	348.0	491.0	494.0
Limit (dB)	28.5	31.9	26.9	26.8
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	9.7	10.6	10.0	12.0
Freq. (MHz)	482.0	379.0	491.0	500.0
Limit (dB)	24.3	27.9	24.0	23.8

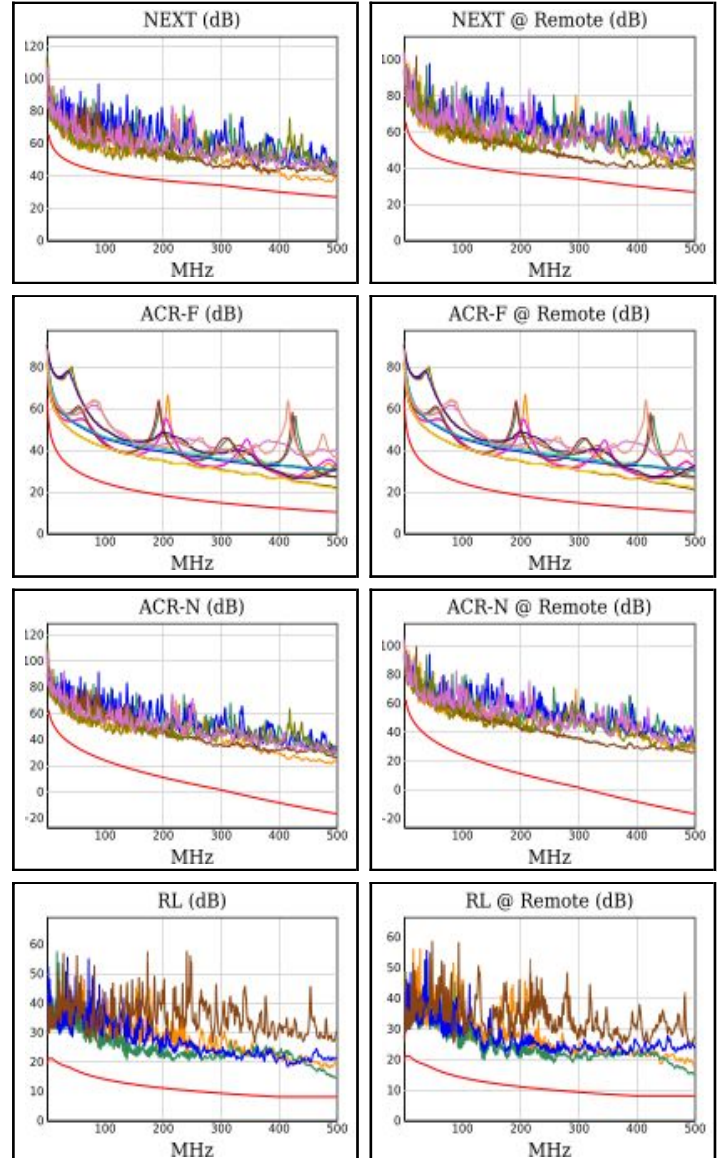
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	4,5-3,6	4,5-3,6	4,5-3,6
ACR-F (dB)	10.7	10.7	10.7	10.7
Freq. (MHz)	500.0	500.0	500.0	500.0
Limit (dB)	10.2	10.2	10.2	10.2
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.3	12.5	12.9	13.0
Freq. (MHz)	428.0	433.0	500.0	500.0
Limit (dB)	8.6	8.5	7.2	7.2

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	1,2-3,6	3,6-4,5
ACR-N (dB)	15.6	16.1	37.6	41.6
Freq. (MHz)	6.3	6.6	491.0	494.0
Limit (dB)	56.7	56.1	-16.4	-16.6
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	16.0	16.1	38.6	40.9
Freq. (MHz)	6.5	6.6	491.0	500.0
Limit (dB)	54.0	53.8	-19.3	-20.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	3,6	3,6
RL (dB)	6.2	6.7	6.2	6.9
Freq. (MHz)	498.0	138.5	498.0	498.0
Limit (dB)	8.0	12.6	8.0	8.0

Compliant Network Standards:

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





Cable ID: P1-AP-03

Date / Time: 07/31/2026 05:58:32 PM Operator: JOSIAH
 Headroom: 6.9 dB (NEXT) Software Version: V6.14 Build 9
 Test Limit: TIA Cat 6A Perm. Link Calibration Date:
 Cable Type: 1091 Main (Module): 06/22/2026
 NVP: 65.4% Remote (Module): 06/22/2026
 Project: LDS 5294495

Test Summary: PASS

Length (ft), Limit 295	[Pair 1,2]	68
Prop. Delay (ns), Limit 498	[Pair 4,5]	111
Delay Skew (ns), Limit 44	[Pair 4,5]	6
Resistance (ohms)	[Pair 3,6]	3.4
Insertion Loss Margin (dB)	[Pair 3,6]	33.0
Frequency (MHz)	[Pair 3,6]	500.0
Limit (dB)	[Pair 3,6]	43.8

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	3,6-4,5
NEXT (dB)	8.6	6.9	10.7	9.1
Freq. (MHz)	286.0	285.0	486.0	499.0
Limit (dB)	34.4	34.4	27.1	26.7
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	8.7	8.8	10.7	9.8
Freq. (MHz)	207.5	336.0	486.0	499.0
Limit (dB)	34.1	29.7	24.2	23.8

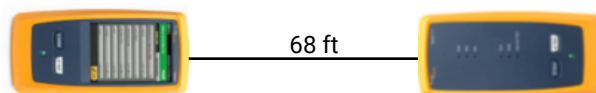
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-1,2	1,2-3,6	1,2-3,6
ACR-F (dB)	13.9	13.9	16.0	16.2
Freq. (MHz)	5.0	4.3	463.0	473.0
Limit (dB)	50.2	51.6	10.9	10.7
Worst Pair	1,2	1,2	3,6	3,6
PS ACR-F (dB)	15.0	15.0	16.0	16.2
Freq. (MHz)	1.1	1.1	463.0	473.0
Limit (dB)	60.2	60.2	7.9	7.7

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	3,6-4,5
ACR-N (dB)	18.1	17.3	43.3	43.1
Freq. (MHz)	22.9	15.8	486.0	499.0
Limit (dB)	43.8	47.8	-16.0	-17.0
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	17.6	17.2	43.8	42.7
Freq. (MHz)	22.9	14.9	494.0	499.0
Limit (dB)	41.4	46.0	-19.5	-19.9

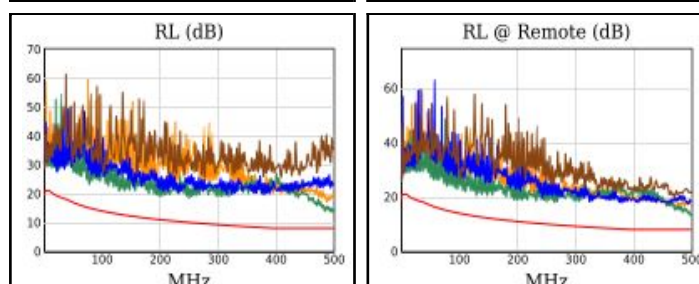
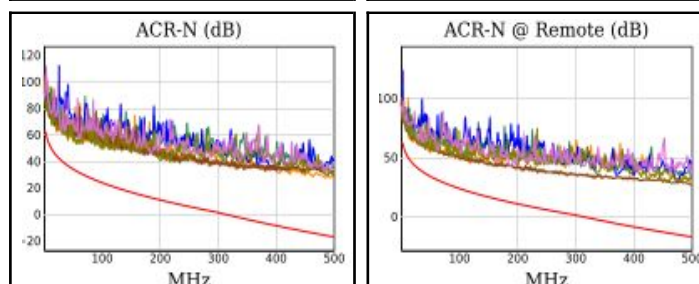
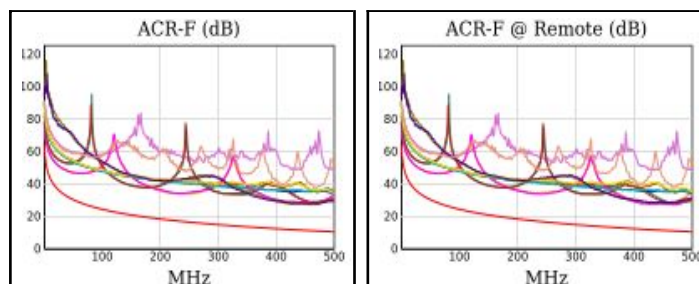
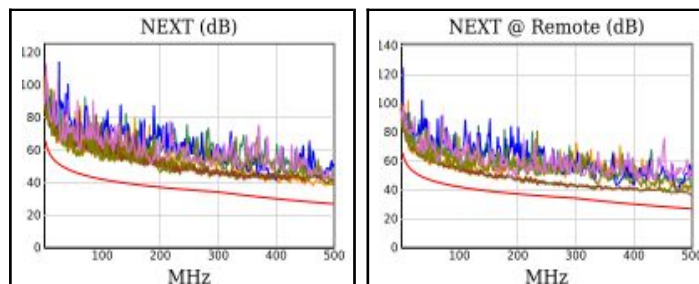
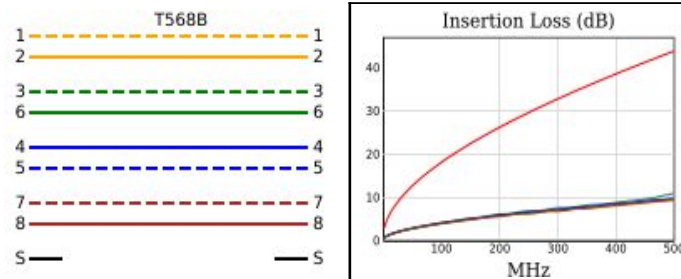
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	3,6	3,6
RL (dB)	5.3	5.0	5.3	5.0
Freq. (MHz)	498.0	499.0	498.0	499.0
Limit (dB)	8.0	8.0	8.0	8.0

Compliant Network Standards:

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



PASS



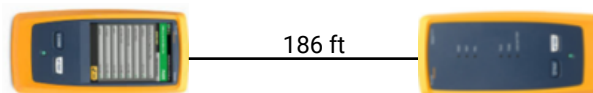


Cable ID: P1-AP-04

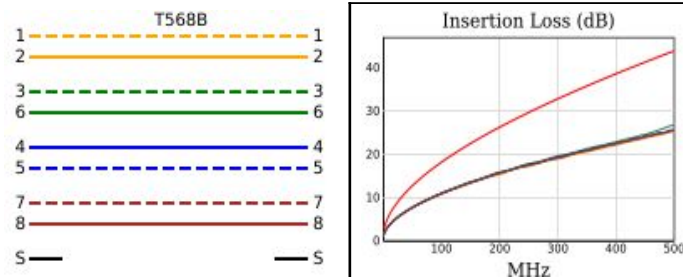
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 Headroom: 7.5 dB (NEXT) Software Version: V6.14 Build 9
 Test Limit: TIA Cat 6A Perm. Link Calibration Date:
 Cable Type: 1091 Main (Module): 06/22/2026
 NVP: 65.4% Remote (Module): 06/22/2026
 Project: LDS 5294495

Test Summary: PASS

Length (ft), Limit 295	[Pair 1,2]	186
Prop. Delay (ns), Limit 498	[Pair 4,5]	304
Delay Skew (ns), Limit 44	[Pair 4,5]	15
Resistance (ohms)	[Pair 3,6]	8.9
Insertion Loss Margin (dB)	[Pair 3,6]	17.1
Frequency (MHz)	[Pair 3,6]	500.0
Limit (dB)	[Pair 3,6]	43.8



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	3,6-4,5
NEXT (dB)	8.7	7.5	11.8	10.5
Freq. (MHz)	376.0	299.0	500.0	500.0
Limit (dB)	30.8	34.1	26.7	26.7
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	9.9	9.9	11.2	9.9
Freq. (MHz)	376.0	500.0	500.0	500.0
Limit (dB)	28.0	23.8	23.8	23.8

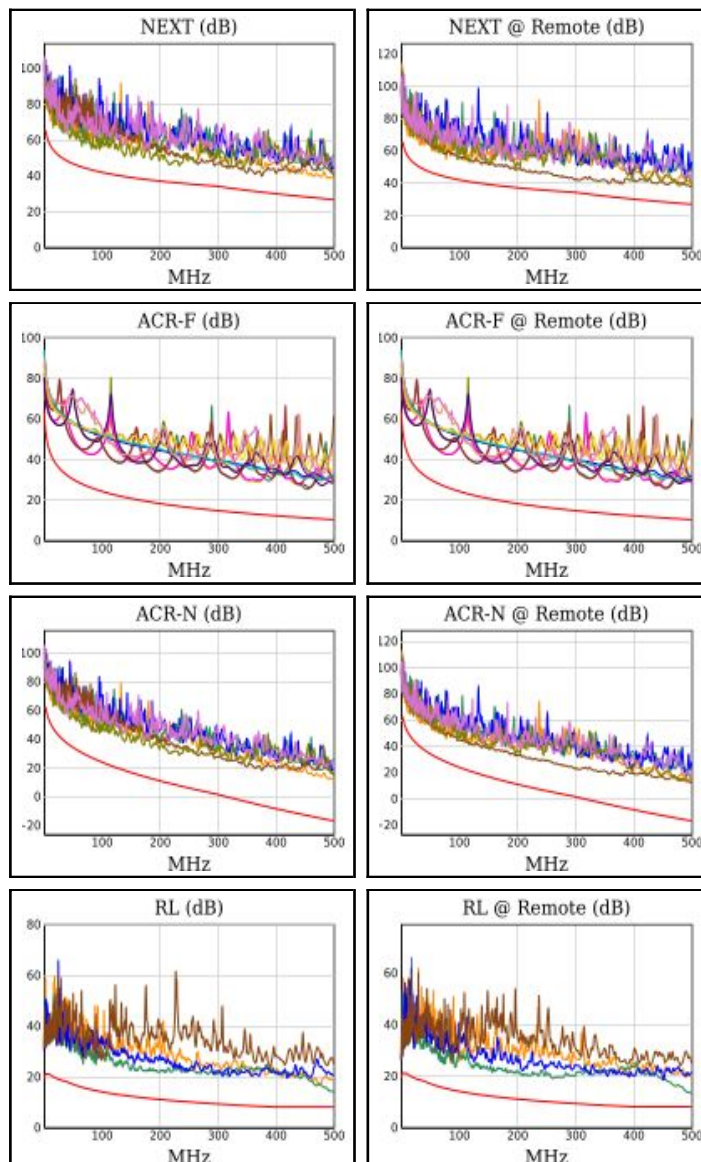
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	4,5-1,2	1,2-4,5	4,5-1,2
ACR-F (dB)	14.2	14.6	14.2	14.6
Freq. (MHz)	454.0	454.0	454.0	454.0
Limit (dB)	11.0	11.0	11.0	11.0
Worst Pair	3,6	3,6	1,2	1,2
PS ACR-F (dB)	15.4	15.0	15.8	15.8
Freq. (MHz)	1.5	1.3	444.0	452.0
Limit (dB)	57.7	59.3	8.2	8.1

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	1,2-3,6	3,6-4,5
ACR-N (dB)	15.3	14.9	28.9	28.8
Freq. (MHz)	16.6	12.1	500.0	500.0
Limit (dB)	47.2	50.4	-17.1	-17.1
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	16.1	16.2	28.3	27.0
Freq. (MHz)	16.9	16.8	500.0	500.0
Limit (dB)	44.7	44.8	-20.0	-20.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	3,6	3,6
RL (dB)	5.9	5.1	5.9	5.1
Freq. (MHz)	500.0	500.0	500.0	500.0
Limit (dB)	8.0	8.0	8.0	8.0

Compliant Network Standards:

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



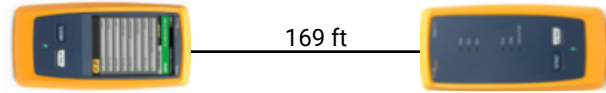


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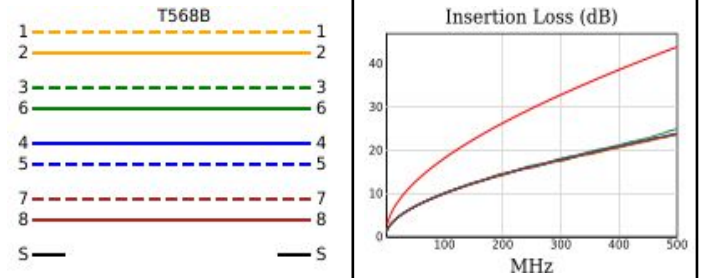
Date / Time: 07/31/2026 05:51:34 PM Operator: JOSIAH
 Headroom: 7.6 dB (NEXT) Software Version: V6.14 Build 9
 Test Limit: TIA Cat 6A Perm. Link Calibration Date:
 Cable Type: 1091 Main (Module): 06/22/2026
 NVP: 65.4% Remote (Module): 06/22/2026
 Project: LDS 5294495

Test Summary: PASS

Length (ft), Limit 295	[Pair 1,2]	169
Prop. Delay (ns), Limit 498	[Pair 4,5]	276
Delay Skew (ns), Limit 44	[Pair 4,5]	14
Resistance (ohms)	[Pair 3,6]	8.1
Insertion Loss Margin (dB)	[Pair 3,6]	19.0
Frequency (MHz)	[Pair 3,6]	500.0
Limit (dB)	[Pair 3,6]	43.8



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	1,2-3,6	3,6-4,5
NEXT (dB)	7.6	8.6	7.6	10.2
Freq. (MHz)	478.0	337.0	478.0	500.0
Limit (dB)	27.3	32.3	27.3	26.7
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	9.1	9.6	9.3	9.9
Freq. (MHz)	377.0	140.0	500.0	497.0
Limit (dB)	28.0	36.9	23.8	23.8

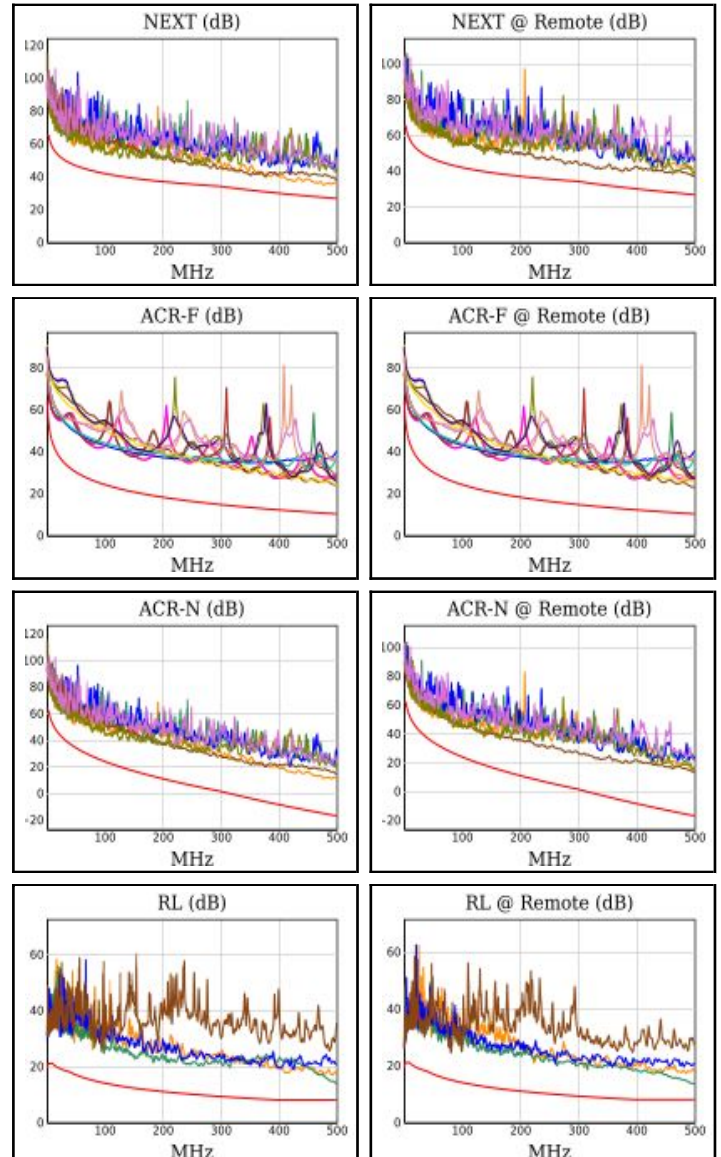
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	13.8	12.7	13.9	12.8
Freq. (MHz)	497.0	497.0	499.0	499.0
Limit (dB)	10.3	10.3	10.2	10.2
Worst Pair	1,2	1,2	3,6	3,6
PS ACR-F (dB)	12.8	13.1	14.0	13.5
Freq. (MHz)	1.0	1.3	499.0	499.0
Limit (dB)	61.2	59.3	7.2	7.2

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	1,2-3,6	3,6-4,5
ACR-N (dB)	15.7	15.4	27.1	30.3
Freq. (MHz)	14.8	14.8	491.0	500.0
Limit (dB)	48.5	48.5	-16.4	-17.1
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	15.5	14.5	28.3	28.7
Freq. (MHz)	14.8	14.6	500.0	497.0
Limit (dB)	46.1	46.2	-20.0	-19.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	3,6	3,6
RL (dB)	5.7	5.4	5.7	5.4
Freq. (MHz)	500.0	500.0	500.0	500.0
Limit (dB)	8.0	8.0	8.0	8.0

Compliant Network Standards:

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



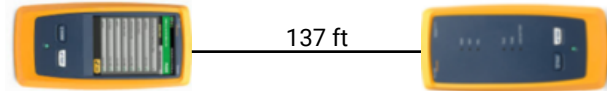


Cable ID: P1-AP-06

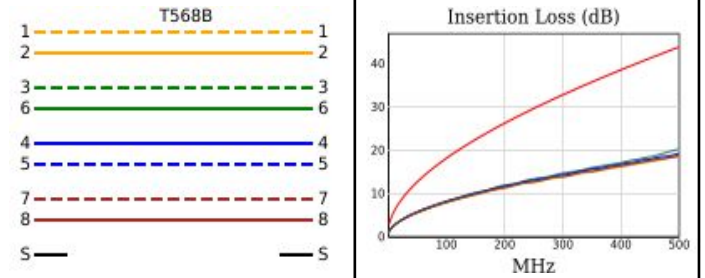
Date / Time: 07/31/2026 05:53:50 PM Operator: JOSIAH
 Headroom: 8.2 dB (NEXT) Software Version: V6.14 Build 9
 Test Limit: TIA Cat 6A Perm. Link Calibration Date:
 Cable Type: 1091 Main (Module): 06/22/2026
 NVP: 65.4% Remote (Module): 06/22/2026
 Project: LDS 5294495

Test Summary: PASS

Length (ft), Limit 295	[Pair 1,2]	137
Prop. Delay (ns), Limit 498	[Pair 4,5]	225
Delay Skew (ns), Limit 44	[Pair 4,5]	12
Resistance (ohms)	[Pair 3,6]	6.6
Insertion Loss Margin (dB)	[Pair 3,6]	23.7
Frequency (MHz)	[Pair 3,6]	500.0
Limit (dB)	[Pair 3,6]	43.8



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	1,2-3,6	3,6-4,5
NEXT (dB)	9.0	8.2	11.2	10.9
Freq. (MHz)	103.5	275.0	476.0	500.0
Limit (dB)	41.6	34.7	27.4	26.7
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	9.4	9.0	10.9	10.6
Freq. (MHz)	268.0	300.0	475.0	500.0
Limit (dB)	32.2	31.4	24.5	23.8

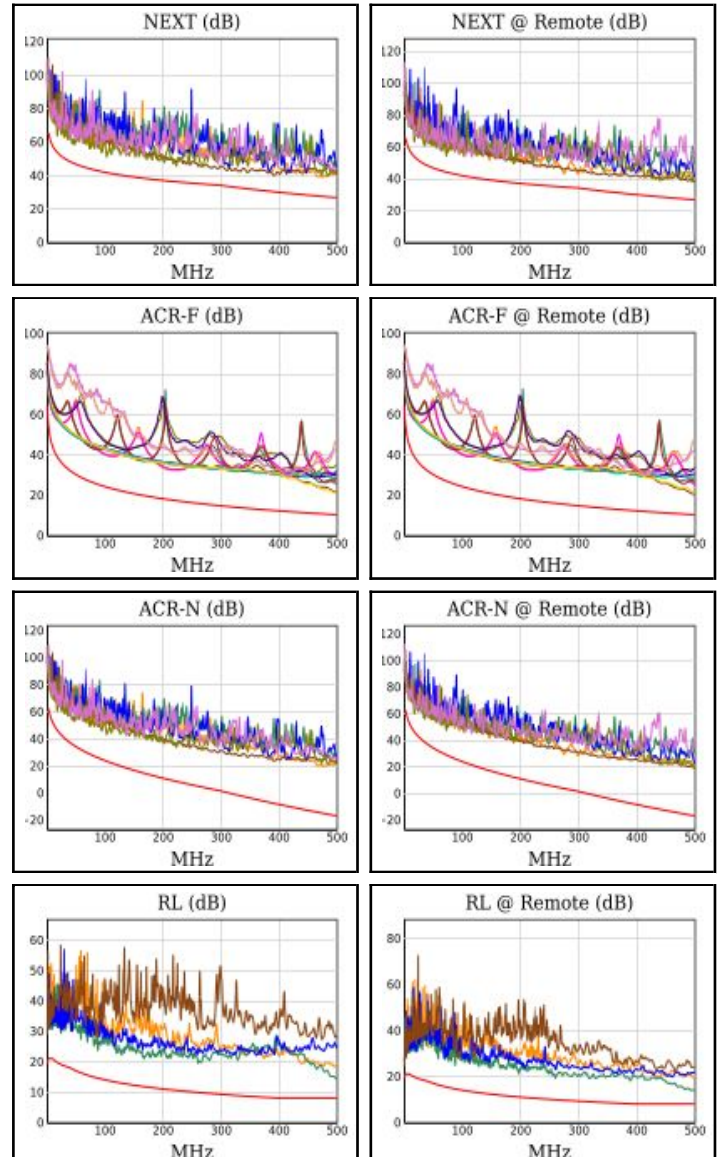
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	4,5-3,6	4,5-3,6	4,5-3,6
ACR-F (dB)	10.3	10.2	10.3	10.2
Freq. (MHz)	500.0	500.0	500.0	500.0
Limit (dB)	10.2	10.2	10.2	10.2
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.9	11.7	11.9	11.7
Freq. (MHz)	500.0	500.0	500.0	500.0
Limit (dB)	7.2	7.2	7.2	7.2

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	1,2-3,6	3,6-4,5
ACR-N (dB)	14.1	13.5	34.5	35.6
Freq. (MHz)	18.4	18.3	476.0	500.0
Limit (dB)	46.2	46.2	-15.2	-17.1
Worst Pair	3,6	7,8	3,6	3,6
PS ACR-N (dB)	15.4	14.9	36.2	34.3
Freq. (MHz)	18.4	18.5	500.0	500.0
Limit (dB)	43.8	43.7	-20.0	-20.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	3,6	3,6
RL (dB)	6.3	5.8	6.3	5.8
Freq. (MHz)	500.0	500.0	500.0	500.0
Limit (dB)	8.0	8.0	8.0	8.0

Compliant Network Standards:

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



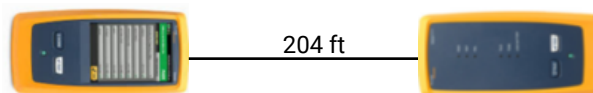


Cable ID: P1-AP-07

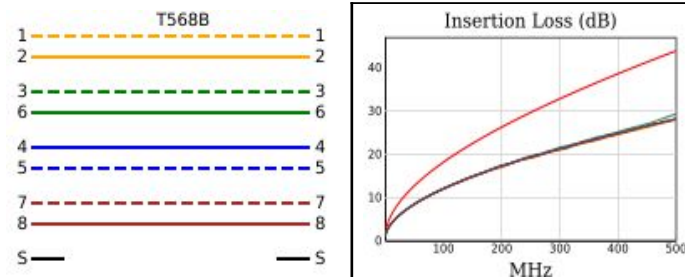
Date / Time: 07/31/2026 06:20:22 PM Operator: JOSIAH
 Headroom: 8.5 dB (NEXT) Software Version: V6.14 Build 9
 Test Limit: TIA Cat 6A Perm. Link Calibration Date:
 Cable Type: 1091 Main (Module): 06/22/2026
 NVP: 65.4% Remote (Module): 06/22/2026
 Project: LDS 5294495

Test Summary: PASS

Length (ft), Limit 295	[Pair 1,2]	204
Prop. Delay (ns), Limit 498	[Pair 4,5]	335
Delay Skew (ns), Limit 44	[Pair 4,5]	17
Resistance (ohms)	[Pair 3,6]	9.7
Insertion Loss Margin (dB)	[Pair 3,6]	14.6
Frequency (MHz)	[Pair 3,6]	500.0
Limit (dB)	[Pair 3,6]	43.8



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-3,6	3,6-7,8	3,6-4,5
NEXT (dB)	9.1	8.5	11.6	10.3
Freq. (MHz)	378.0	77.5	487.0	500.0
Limit (dB)	30.7	43.6	27.0	26.7
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	10.3	9.1	11.3	9.9
Freq. (MHz)	378.0	77.3	487.0	485.0
Limit (dB)	27.9	41.1	24.2	24.2

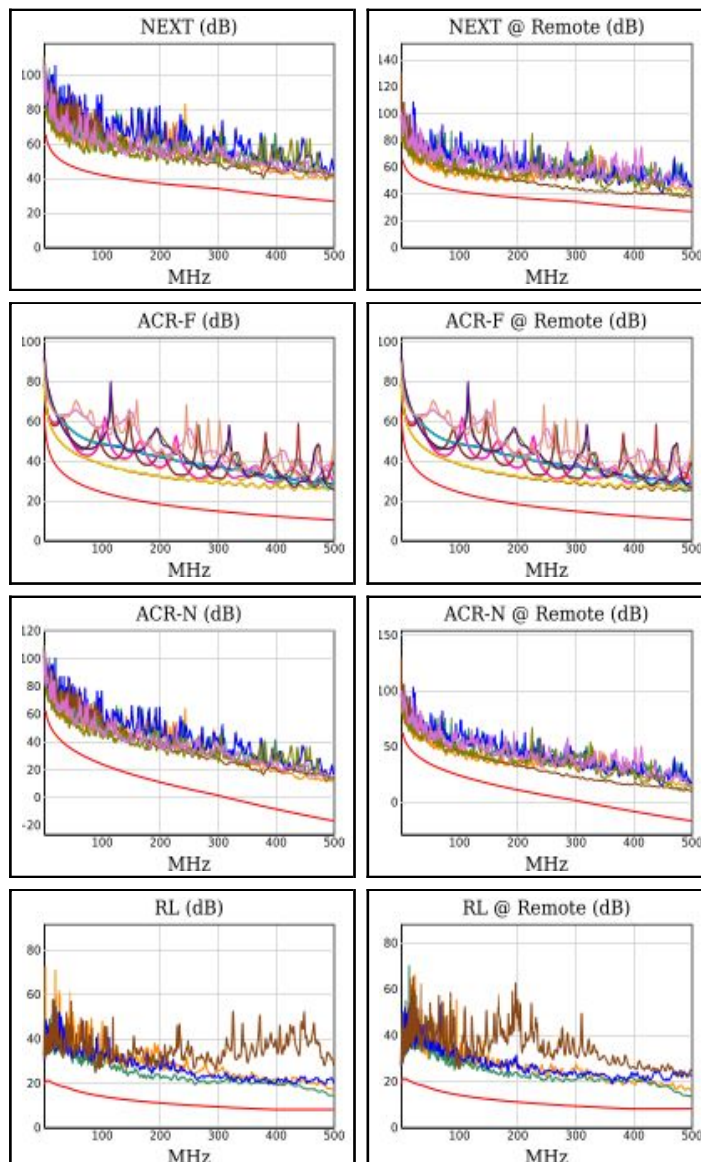
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	7,8-3,6	4,5-3,6
ACR-F (dB)	13.4	13.2	15.0	14.2
Freq. (MHz)	227.0	370.0	500.0	489.0
Limit (dB)	17.1	12.8	10.2	10.4
Worst Pair	1,2	3,6	3,6	3,6
PS ACR-F (dB)	14.0	13.9	14.4	14.1
Freq. (MHz)	1.0	270.0	500.0	500.0
Limit (dB)	61.2	12.6	7.2	7.2

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	3,6-7,8	3,6-4,5
ACR-N (dB)	13.7	12.4	27.2	25.9
Freq. (MHz)	13.8	21.6	487.0	500.0
Limit (dB)	49.2	44.4	-16.1	-17.1
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	14.3	14.0	26.8	25.1
Freq. (MHz)	13.8	21.5	500.0	500.0
Limit (dB)	46.8	42.1	-20.0	-20.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	3,6	3,6
RL (dB)	6.1	5.2	6.1	5.2
Freq. (MHz)	500.0	500.0	500.0	500.0
Limit (dB)	8.0	8.0	8.0	8.0

Compliant Network Standards:

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



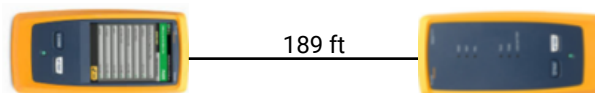


Cable ID: P1-AV1-21

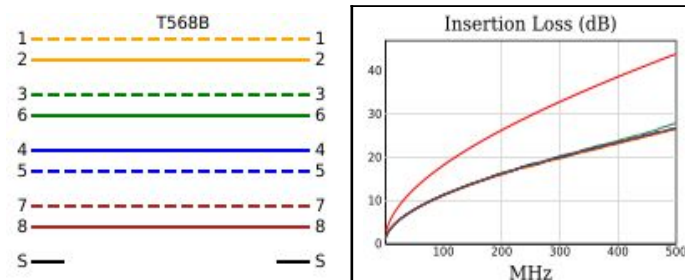
Date / Time: 07/31/2026 05:35:05 PM Operator: JOSIAH
 Headroom: 7.8 dB (NEXT) Software Version: V6.14 Build 9
 Test Limit: TIA Cat 6A Perm. Link Calibration Date:
 Cable Type: 1091 Main (Module): 06/22/2026
 NVP: 65.4% Remote (Module): 06/22/2026
 Project: LDS 5294495

Test Summary: PASS

Length (ft), Limit 295	[Pair 1,2]	189
Prop. Delay (ns), Limit 498	[Pair 3,6]	309
Delay Skew (ns), Limit 44	[Pair 3,6]	15
Resistance (ohms)	[Pair 3,6]	9.1
Insertion Loss Margin (dB)	[Pair 3,6]	16.0
Frequency (MHz)	[Pair 3,6]	500.0
Limit (dB)	[Pair 3,6]	43.8



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	3,6-4,5
NEXT (dB)	7.8	8.7	9.6	10.2
Freq. (MHz)	317.0	312.0	500.0	500.0
Limit (dB)	33.2	33.4	26.7	26.7
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	9.5	9.7	9.8	10.5
Freq. (MHz)	317.0	332.0	500.0	500.0
Limit (dB)	30.6	29.9	23.8	23.8

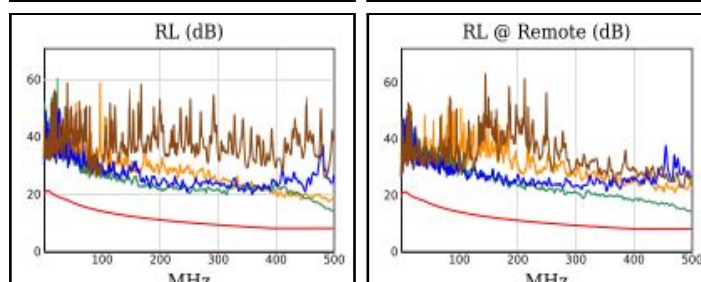
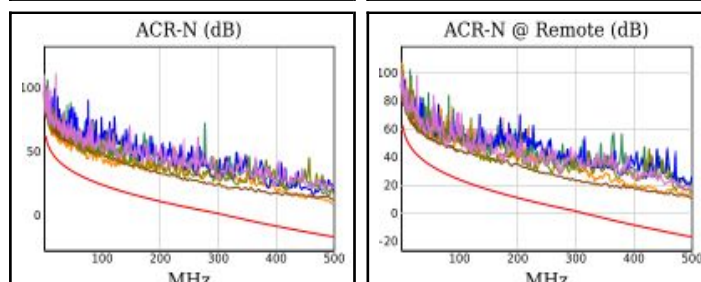
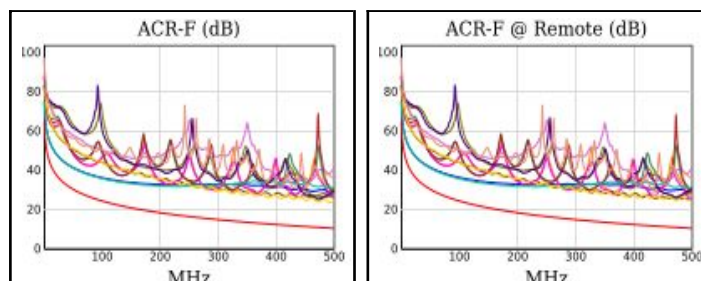
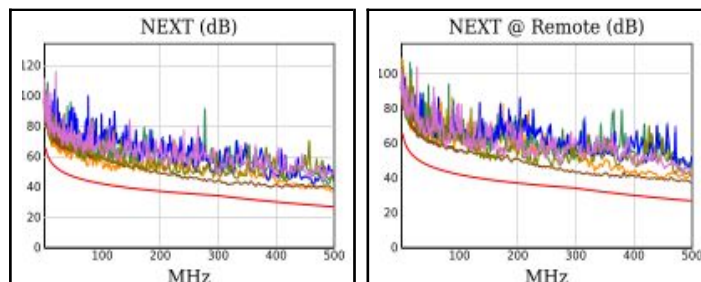
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	7,8-1,2	4,5-3,6	3,6-4,5
ACR-F (dB)	10.2	10.2	12.9	14.1
Freq. (MHz)	6.6	3.3	495.0	496.0
Limit (dB)	47.8	54.0	10.3	10.3
Worst Pair	1,2	1,2	3,6	3,6
PS ACR-F (dB)	12.0	12.2	13.3	14.1
Freq. (MHz)	67.8	67.8	495.0	500.0
Limit (dB)	24.6	24.6	7.3	7.2

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	3,6-4,5
ACR-N (dB)	13.2	16.1	25.6	27.5
Freq. (MHz)	13.6	16.5	500.0	500.0
Limit (dB)	49.3	47.3	-17.1	-17.1
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	13.0	16.1	25.8	26.5
Freq. (MHz)	13.1	13.4	500.0	500.0
Limit (dB)	47.3	47.1	-20.0	-20.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	3,6	3,6
RL (dB)	5.8	6.1	5.8	6.1
Freq. (MHz)	500.0	500.0	500.0	500.0
Limit (dB)	8.0	8.0	8.0	8.0

Compliant Network Standards:

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



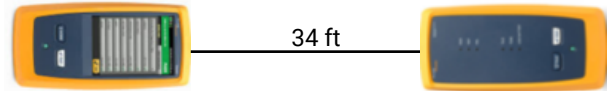


Cable ID: P1-AV2-21

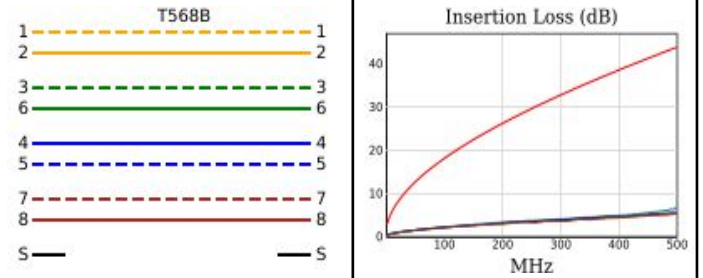
Date / Time: 07/31/2026 06:21:29 PM Operator: JOSIAH
 Headroom: 6.2 dB (NEXT) Software Version: V6.14 Build 9
 Test Limit: TIA Cat 6A Perm. Link Calibration Date:
 Cable Type: 1091 Main (Module): 06/22/2026
 NVP: 65.4% Remote (Module): 06/22/2026
 Project: LDS 5294495

Test Summary: PASS

Length (ft), Limit 295	[Pair 1,2]	34
Prop. Delay (ns), Limit 498	[Pair 3,6]	56
Delay Skew (ns), Limit 44	[Pair 3,6]	3
Resistance (ohms)	[Pair 3,6]	1.9
Insertion Loss Margin (dB)	[Pair 3,6]	37.2
Frequency (MHz)	[Pair 3,6]	500.0
Limit (dB)	[Pair 3,6]	43.8



PASS



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)	7.8	6.2	9.9	9.0
Freq. (MHz)	75.0	258.0	499.0	500.0
Limit (dB)	43.9	35.1	26.7	26.7
Worst Pair	3,6	4,5	3,6	3,6
PS NEXT (dB)	9.0	7.0	10.1	8.7
Freq. (MHz)	75.5	258.0	499.0	500.0
Limit (dB)	41.3	32.5	23.8	23.8

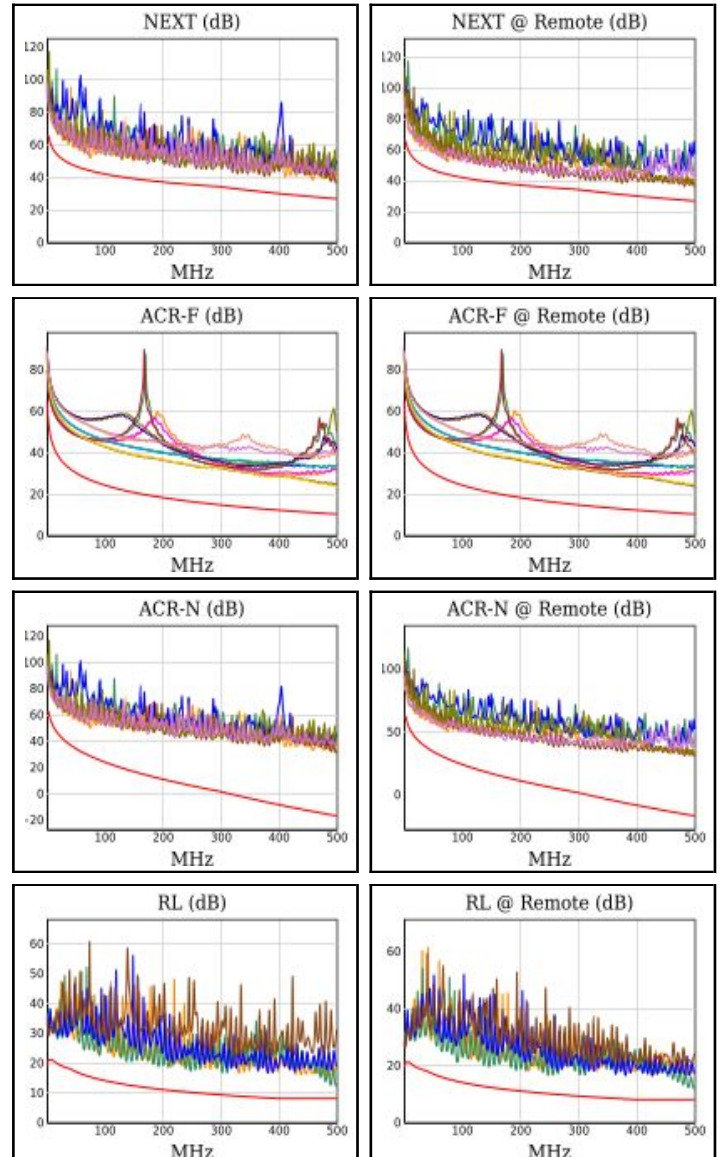
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	4,5-3,6	4,5-3,6	4,5-3,6
ACR-F (dB)	13.2	13.3	13.2	13.3
Freq. (MHz)	500.0	500.0	500.0	500.0
Limit (dB)	10.2	10.2	10.2	10.2
Worst Pair	1,2	1,2	3,6	3,6
PS ACR-F (dB)	14.9	14.9	15.4	15.5
Freq. (MHz)	1.0	1.0	500.0	500.0
Limit (dB)	61.2	61.2	7.2	7.2

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-4,5	3,6-4,5
ACR-N (dB)	19.4	17.8	48.1	47.3
Freq. (MHz)	8.8	9.1	499.0	500.0
Limit (dB)	53.6	53.2	-17.0	-17.1
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	18.7	19.0	47.2	45.9
Freq. (MHz)	18.9	19.3	499.0	500.0
Limit (dB)	43.5	43.3	-19.9	-20.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	3,6	3,6
RL (dB)	4.2	3.9	4.2	3.9
Freq. (MHz)	499.0	499.0	499.0	499.0
Limit (dB)	8.0	8.0	8.0	8.0

Compliant Network Standards:

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



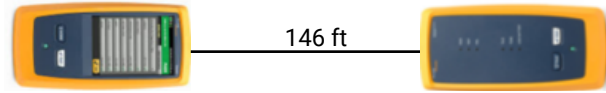


Cable ID: P1-CAM-22

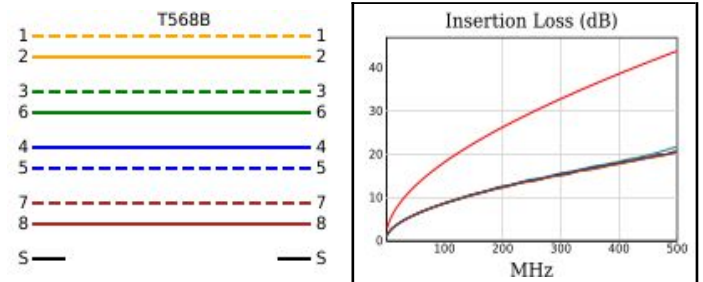
Date / Time: 07/31/2026 05:50:24 PM Operator: JOSIAH
 Headroom: 7.3 dB (NEXT) Software Version: V6.14 Build 9
 Test Limit: TIA Cat 6A Perm. Link Calibration Date:
 Cable Type: 1091 Main (Module): 06/22/2026
 NVP: 65.4% Remote (Module): 06/22/2026
 Project: LDS 5294495

Test Summary: PASS

Length (ft), Limit 295	[Pair 1,2]	146
Prop. Delay (ns), Limit 498	[Pair 3,6]	238
Delay Skew (ns), Limit 44	[Pair 3,6]	11
Resistance (ohms)	[Pair 3,6]	7.0
Insertion Loss Margin (dB)	[Pair 3,6]	22.2
Frequency (MHz)	[Pair 3,6]	500.0
Limit (dB)	[Pair 3,6]	43.8



PASS



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)	9.1	7.3	11.5	10.1
Freq. (MHz)	132.0	304.0	493.0	499.0
Limit (dB)	39.9	33.8	26.9	26.7
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	9.9	9.2	11.9	10.5
Freq. (MHz)	291.0	244.5	497.0	500.0
Limit (dB)	31.6	32.9	23.8	23.8

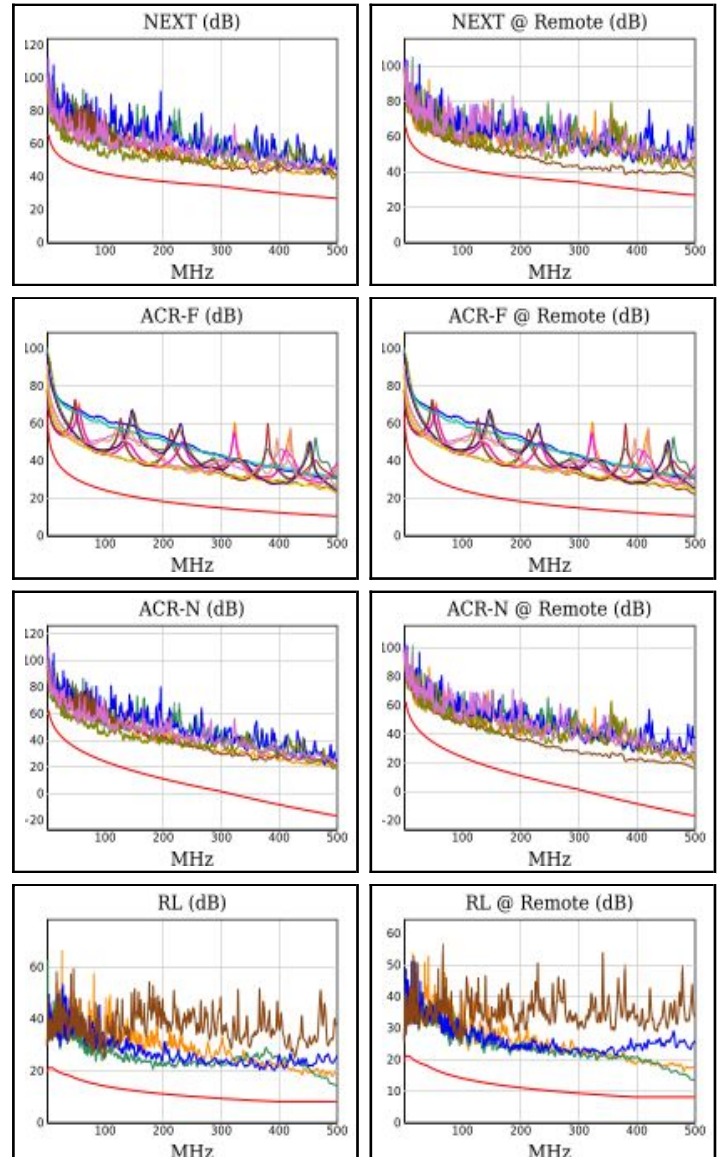
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	4,5-3,6	4,5-3,6	4,5-3,6
ACR-F (dB)	12.7	12.0	12.7	12.0
Freq. (MHz)	500.0	500.0	500.0	500.0
Limit (dB)	10.2	10.2	10.2	10.2
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	13.1	12.8	13.1	12.8
Freq. (MHz)	500.0	500.0	500.0	500.0
Limit (dB)	7.2	7.2	7.2	7.2

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	1,2-3,6	3,6-7,8	3,6-4,5
ACR-N (dB)	14.9	15.1	34.8	33.2
Freq. (MHz)	6.5	20.9	493.0	499.0
Limit (dB)	56.3	44.8	-16.5	-17.0
Worst Pair	7,8	3,6	3,6	3,6
PS ACR-N (dB)	16.2	15.5	34.2	32.7
Freq. (MHz)	6.5	7.0	500.0	500.0
Limit (dB)	54.0	53.3	-20.0	-20.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	3,6	3,6
RL (dB)	6.2	5.4	6.2	5.4
Freq. (MHz)	499.0	497.0	499.0	497.0
Limit (dB)	8.0	8.0	8.0	8.0

Compliant Network Standards:

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



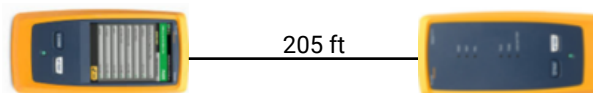


Cable ID: P1-DMARC-24

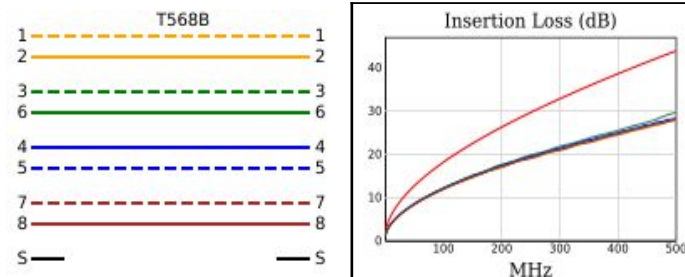
Date / Time: 07/31/2026 05:33:40 PM Operator: JOSIAH
 Headroom: 3.7 dB (NEXT) Software Version: V6.14 Build 9
 Test Limit: TIA Cat 6A Perm. Link Calibration Date:
 Cable Type: 1091 Main (Module): 06/22/2026
 NVP: 65.4% Remote (Module): 06/22/2026
 Project: LDS 5294495

Test Summary: PASS

Length (ft), Limit 295	[Pair 1,2]	205
Prop. Delay (ns), Limit 498	[Pair 4,5]	338
Delay Skew (ns), Limit 44	[Pair 4,5]	19
Resistance (ohms)	[Pair 3,6]	9.8
Insertion Loss Margin (dB)	[Pair 3,6]	14.2
Frequency (MHz)	[Pair 3,6]	500.0
Limit (dB)	[Pair 3,6]	43.8



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	8.5	3.7	8.5	6.5
Freq. (MHz)	483.0	75.5	483.0	489.0
Limit (dB)	27.1	43.8	27.1	27.0
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	9.3	5.9	10.0	6.9
Freq. (MHz)	41.5	257.0	498.0	500.0
Limit (dB)	45.5	32.5	23.8	23.8

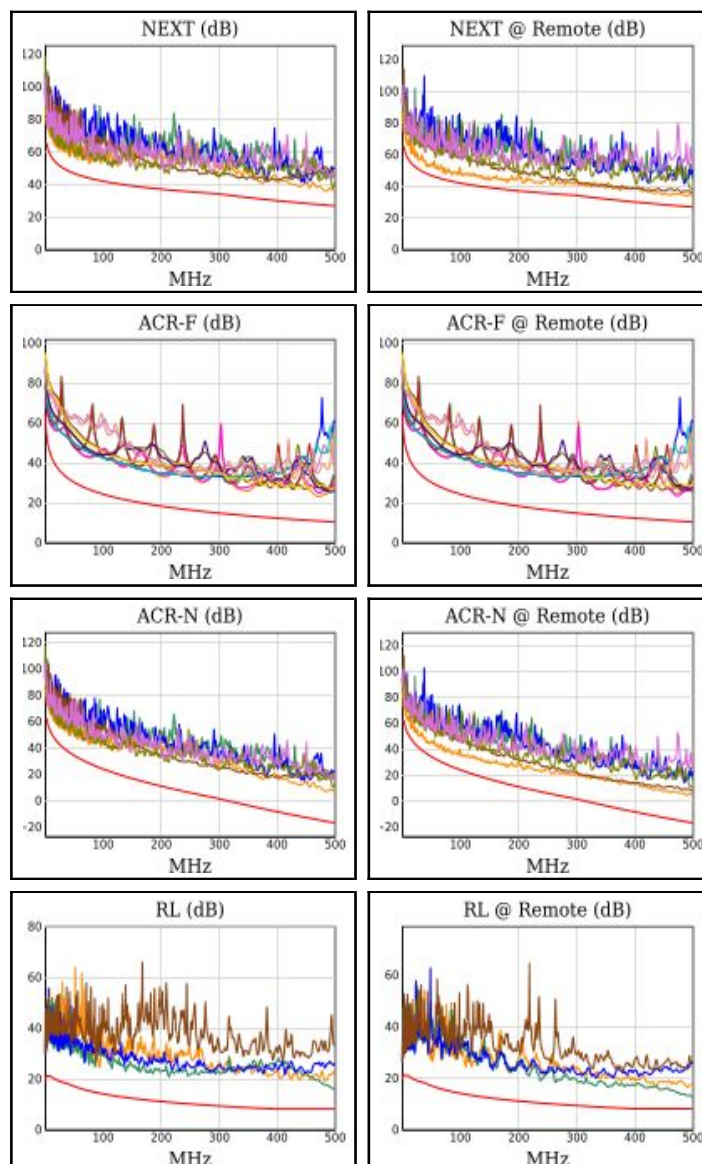
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-F (dB)	12.3	12.6	12.3	12.6
Freq. (MHz)	472.0	474.0	472.0	474.0
Limit (dB)	10.7	10.7	10.7	10.7
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	13.1	13.2	13.1	13.4
Freq. (MHz)	474.0	474.0	474.0	484.0
Limit (dB)	7.7	7.7	7.7	7.5

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-N (dB)	12.0	7.8	23.3	21.2
Freq. (MHz)	15.4	15.6	500.0	500.0
Limit (dB)	48.0	47.9	-17.1	-17.1
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	12.2	9.5	24.1	21.1
Freq. (MHz)	21.4	15.5	498.0	500.0
Limit (dB)	42.1	45.6	-19.8	-20.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	3,6	3,6
RL (dB)	7.6	4.2	7.6	4.2
Freq. (MHz)	500.0	500.0	500.0	500.0
Limit (dB)	8.0	8.0	8.0	8.0

Compliant Network Standards:

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





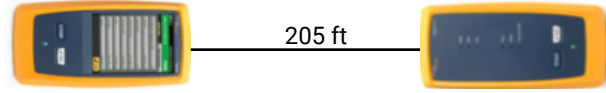
Cable ID: P1-HVAC-23

Test Summary: PASS

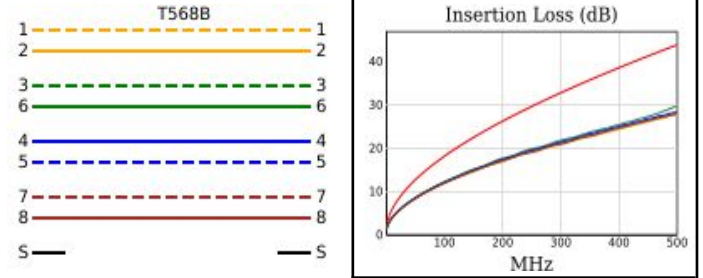
Date / Time: 07/31/2026 05:31:35 PM Operator: JOSIAH
 Headroom: 2.5 dB (NEXT) Software Version: V6.14 Build 9
 Test Limit: TIA Cat 6A Perm. Link Calibration Date:
 Cable Type: 1091 Main (Module): 06/22/2026
 NVP: 65.4% Remote (Module): 06/22/2026
 Project: LDS 5294495

Model: DSX-5000
 Main S/N: 3420195
 Remote S/N: 3408079
 Main Adapter: DSX-PLA004
 Remote Adapter: DSX-PLA004

Length (ft), Limit 295	[Pair 1,2]	205
Prop. Delay (ns), Limit 498	[Pair 4,5]	337
Delay Skew (ns), Limit 44	[Pair 4,5]	18
Resistance (ohms)	[Pair 3,6]	9.7
Insertion Loss Margin (dB)	[Pair 3,6]	14.2
Frequency (MHz)	[Pair 3,6]	500.0
Limit (dB)	[Pair 3,6]	43.8



PASS



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	1,2-3,6	3,6-7,8
NEXT (dB)	2.5	7.6	4.9	9.8
Freq. (MHz)	226.0	323.0	478.0	493.0
Limit (dB)	36.1	32.9	27.3	26.9
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	4.7	8.7	7.4	9.3
Freq. (MHz)	226.0	440.0	497.0	500.0
Limit (dB)	33.4	25.7	23.8	23.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	7,8-3,6	7,8-3,6
ACR-F (dB)	12.2	12.1	12.5	12.9
Freq. (MHz)	83.5	83.5	491.0	491.0
Limit (dB)	25.8	25.8	10.4	10.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.0	12.2	12.1	12.2
Freq. (MHz)	486.0	477.0	491.0	477.0
Limit (dB)	7.5	7.6	7.4	7.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	3,6-4,5
ACR-N (dB)	7.2	10.8	20.0	25.9
Freq. (MHz)	41.5	20.0	497.0	499.0
Limit (dB)	36.6	45.2	-16.9	-17.0
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	9.1	12.5	21.4	23.5
Freq. (MHz)	41.3	4.6	497.0	500.0
Limit (dB)	34.3	57.0	-19.7	-20.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	3,6	3,6
RL (dB)	6.5	5.1	6.5	5.1
Freq. (MHz)	500.0	500.0	500.0	500.0
Limit (dB)	8.0	8.0	8.0	8.0

Compliant Network Standards:

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

