

EXEMPLE DE LIVRABLE

Rapport de certification de câblage

Ce que vous recevez à la livraison d'un chantier Assutech

Les pages qui suivent sont l'extrait réel d'une campagne de recette réalisée par nos techniciens sur un chantier tertiaire. Seul le nom du client a été retiré : les mesures, les dates, les numéros de série des appareils et les résultats sont ceux du chantier, sans retouche.

24

liens testés

20

conformes (PASS)

4

non conformes (FAIL)

Cat 6A

U/UTP, limite 1000BASE-T

Pourquoi quatre liens apparaissent en échec

Parce que c'est exactement ce qu'une certification sert à trouver : un testeur qui ne relève jamais rien ne prouve rien. Un lien en FAIL est un défaut repéré avant la mise en service — connectique à reprendre, cordon ou module à remplacer — au moment où le corriger coûte quelques minutes, plutôt qu'une panne intermittente à diagnostiquer six mois plus tard.

Comment lire les fiches

- Une fiche par prise : longueur, affaiblissement, NEXT, ACR-F, return loss et wire map.
- Headroom : la marge restante par rapport à la limite. Plus elle est élevée, plus le lien est sûr.
- Chaque mesure est horodatée et rattachée au numéro de série du testeur et à sa date d'étalonnage.
- Matériel utilisé : Fluke Networks DSX-5000, étalonné le 19/02/2026, LinkWare PC 12.0.

Cable ID/ Test ID	Summary	Test Limit	Length	Headroom	Date / Time
04	PASS	1000BASE-T	38 ft	12.1 dB (NEXT)	07/10/2026 01:23 PM
05	PASS	1000BASE-T	38 ft	12.7 dB (NEXT)	07/10/2026 01:24 PM
06	PASS	1000BASE-T	37 ft	14.0 dB (NEXT)	07/10/2026 01:25 PM
10	PASS	1000BASE-T	56 ft	13.0 dB (NEXT)	07/10/2026 01:26 PM
11	PASS	1000BASE-T	56 ft	13.0 dB (NEXT)	07/10/2026 01:27 PM
12	PASS	1000BASE-T	54 ft	14.1 dB (NEXT)	07/10/2026 01:27 PM
16	FAIL	1000BASE-T	20 ft	N/A	07/10/2026 01:04 PM
17	FAIL	1000BASE-T	20 ft	-3.6 dB (NEXT)	07/10/2026 01:04 PM
18	PASS	1000BASE-T	19 ft	13.6 dB (NEXT)	07/10/2026 01:04 PM
19	PASS	1000BASE-T	33 ft	13.5 dB (NEXT)	07/10/2026 01:20 PM
20	PASS	1000BASE-T	33 ft	13.7 dB (NEXT)	07/10/2026 01:21 PM
21	PASS	1000BASE-T	32 ft	11.6 dB (NEXT)	07/10/2026 01:21 PM
22	FAIL	1000BASE-T	56 ft	-0.3 dB (NEXT)	07/10/2026 01:19 PM
23	PASS	1000BASE-T	56 ft	12.5 dB (NEXT)	07/10/2026 01:17 PM
24	PASS	1000BASE-T	56 ft	12.6 dB (NEXT)	07/10/2026 01:16 PM
25	PASS	1000BASE-T	57 ft	13.3 dB (NEXT)	07/10/2026 01:05 PM
26	PASS	1000BASE-T	57 ft	10.5 dB (NEXT)	07/10/2026 01:06 PM
27	PASS	1000BASE-T	56 ft	12.0 dB (NEXT)	07/10/2026 01:07 PM
28	PASS	1000BASE-T	44 ft	11.6 dB (NEXT)	07/10/2026 01:13 PM
29	FAIL	1000BASE-T	39 ft	N/A	07/10/2026 01:14 PM
30	PASS	1000BASE-T	44 ft	11.9 dB (NEXT)	07/10/2026 01:15 PM
31	PASS	1000BASE-T	45 ft	13.0 dB (NEXT)	07/10/2026 01:09 PM
32	PASS	1000BASE-T	45 ft	13.1 dB (NEXT)	07/10/2026 01:09 PM
33	PASS	1000BASE-T	44 ft	11.9 dB (NEXT)	07/10/2026 01:10 PM

Total Length:	1035 ft
Number of Reports:	24
Number of Passing Reports:	20
Number of Failing Reports:	4
Number of Warning Reports:	0
Documentation Only:	0



Cable ID/ Test ID: 04

Test Limit: 1000BASE-T

Limits Version: V7.13

Date / Time: 07/10/2026 01:23:58 PM

Operator: ASSUTECH

Headroom 12.1 dB (NEXT 1,2-3,6)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 19500321

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000 (DSX-CHA004)

S/N: 4974118

Test Summary: PASS

Remote: Versiv

S/N: 19500016

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000R (DSX-CHA004)

S/N: 4738029

Length (ft), Limit 328	[Pair 4,5]	38
Prop. Delay (ns), Limit 570	[Pair 7,8]	59
Delay Skew (ns), Limit 50	[Pair 7,8]	2
Resistance (ohms), Limit 25.00	[Pair 1,2]	8.10
Impedance (ohms), Limit 85-115	[Pair 4,5]	109
Insertion Loss Margin (dB)	[Pair 1,2]	21.0
Frequency (MHz)	[Pair 1,2]	99.5
Limit (dB)	[Pair 1,2]	23.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	13.1	12.1	14.0	12.6
Freq. (MHz)	81.8	81.8	96.3	94.8
Limit (dB)	28.6	28.6	27.4	27.5

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-3,6	3,6-7,8	7,8-3,6	3,6-7,8
ACR-F (dB)	22.3	22.3	23.1	23.1
Freq. (MHz)	37.8	37.8	100.0	100.0
Limit (dB)	25.5	25.5	17.0	17.0
Worst Pair	7,8	7,8	3,6	7,8
PS ACR-F (dB)	22.1	21.9	23.8	23.0
Freq. (MHz)	26.4	37.8	100.0	100.0
Limit (dB)	26.0	22.9	14.4	14.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	1,2
RL (dB)	0.7	-1.7	0.8	2.9
Freq. (MHz)	24.3	25.4	24.9	76.3
Limit (dB)	14.2	14.0	14.1	9.2

Compliant Network Standards:

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



38 ft

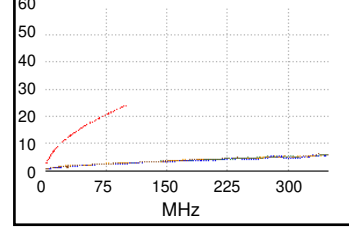


Wire Map (T568B)

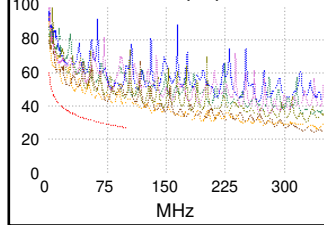
PASS



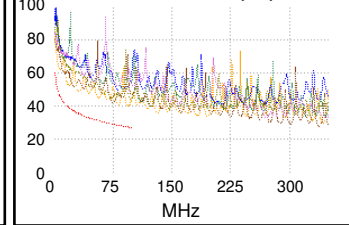
Insertion Loss (dB)



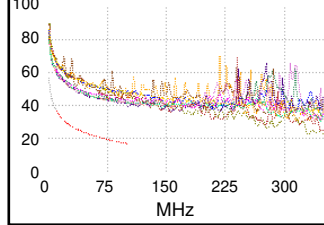
NEXT (dB)



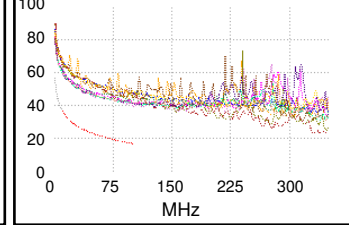
NEXT @ Remote (dB)



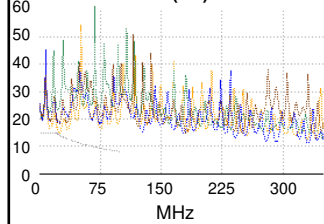
ACR-F (dB)



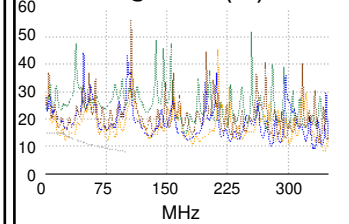
ACR-F @ Remote (dB)



RL (dB)



RL @ Remote (dB)





Cable ID/ Test ID: 05

Test Limit: 1000BASE-T

Limits Version: V7.13

Date / Time: 07/10/2026 01:24:40 PM

Operator: ASSUTECH

Headroom 12.7 dB (NEXT 1,2-3,6)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 19500321

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000 (DSX-CHA004)

S/N: 4974118

Test Summary: PASS

Remote: Versiv

S/N: 19500016

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000R (DSX-CHA004)

S/N: 4738029

Length (ft), Limit 328	[Pair 4,5]	38
Prop. Delay (ns), Limit 570	[Pair 7,8]	59
Delay Skew (ns), Limit 50	[Pair 7,8]	2
Resistance (ohms), Limit 25.00	[Pair 4,5]	5.84
Impedance (ohms), Limit 85-115	[Pair 4,5]	104
Insertion Loss Margin (dB)	[Pair 7,8]	21.2
Frequency (MHz)	[Pair 7,8]	100.0
Limit (dB)	[Pair 7,8]	24.0

Worst Case Margin Worst Case Value

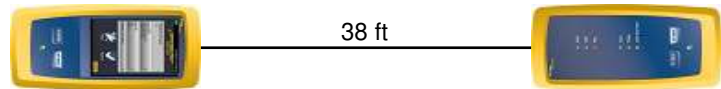
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	13.3	12.7	14.5	13.8
Freq. (MHz)	57.3	81.8	95.5	94.5
Limit (dB)	31.2	28.6	27.4	27.5

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-1,2	4,5-1,2	1,2-4,5	4,5-1,2
ACR-F (dB)	22.5	22.5	22.6	22.6
Freq. (MHz)	38.5	37.8	100.0	100.0
Limit (dB)	25.3	25.5	17.0	17.0
Worst Pair	4,5	3,6	3,6	3,6
PS ACR-F (dB)	22.2	22.2	22.5	22.9
Freq. (MHz)	77.0	76.3	100.0	97.5
Limit (dB)	16.7	16.8	14.4	14.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	1,2
RL (dB)	1.5	-1.1	1.7	4.0
Freq. (MHz)	23.8	25.4	24.9	85.5
Limit (dB)	14.3	14.0	14.1	8.7

Compliant Network Standards:

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

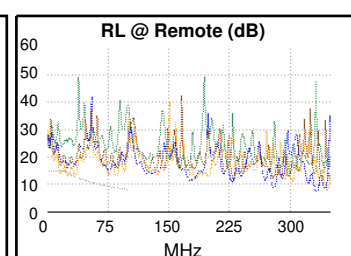
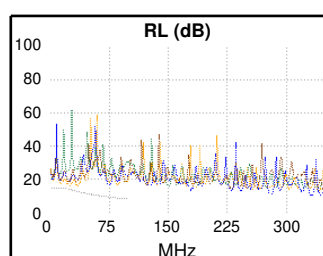
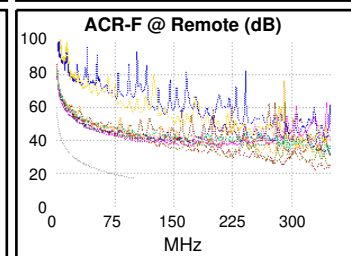
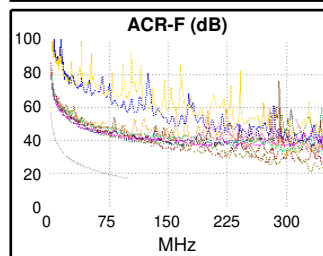
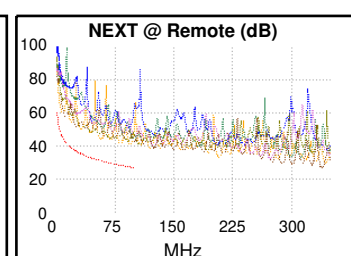
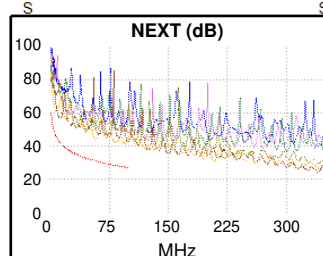
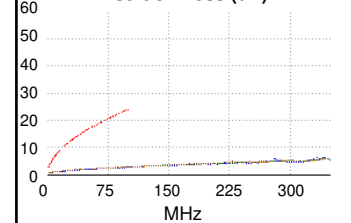


Wire Map (T568B)

PASS



Insertion Loss (dB)





Cable ID/ Test ID: 06

Test Limit: 1000BASE-T

Limits Version: V7.13

Date / Time: 07/10/2026 01:25:24 PM

Operator: ASSUTECH

Headroom 14.0 dB (NEXT 3,6-4,5)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 19500321

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000 (DSX-CHA004)

S/N: 4974118

Test Summary: PASS

Remote: Versiv

S/N: 19500016

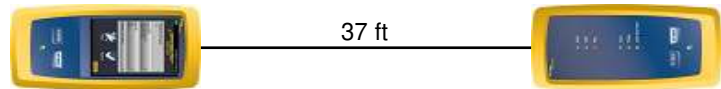
Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000R (DSX-CHA004)

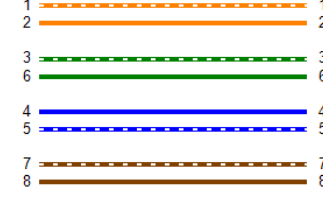
S/N: 4738029

Length (ft), Limit 328	[Pair 1,2]	37
Prop. Delay (ns), Limit 570	[Pair 7,8]	57
Delay Skew (ns), Limit 50	[Pair 7,8]	1
Resistance (ohms), Limit 25.00	[Pair 3,6]	5.11
Impedance (ohms), Limit 85-115	[Pair 4,5]	104
Insertion Loss Margin (dB)	[Pair 1,2]	21.3
Frequency (MHz)	[Pair 1,2]	100.0
Limit (dB)	[Pair 1,2]	24.0

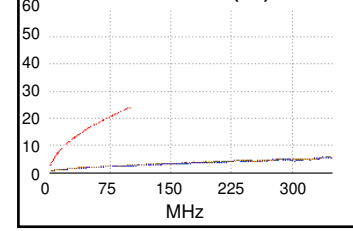


Wire Map (T568B)

PASS

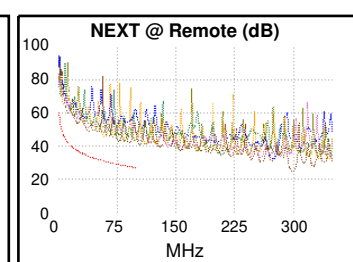
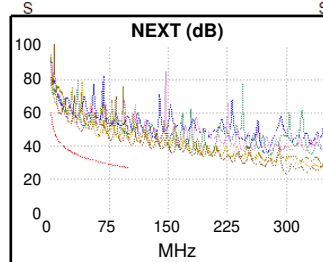


Insertion Loss (dB)

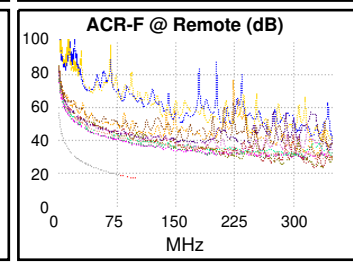
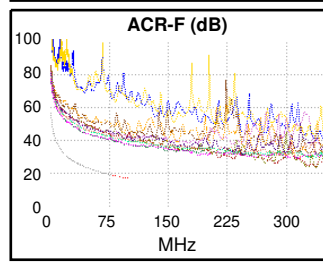


Worst Case Margin Worst Case Value

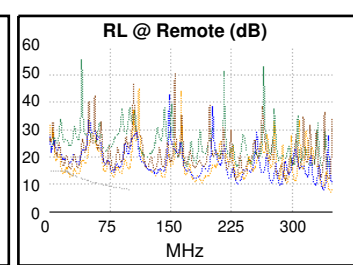
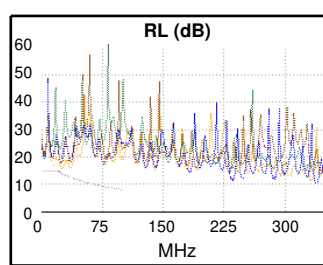
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	14.8	14.0	15.1	14.4
Freq. (MHz)	77.0	77.5	90.5	90.8
Limit (dB)	29.0	29.0	27.8	27.8



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)	20.2	20.1	20.3	20.2
Freq. (MHz)	93.8	93.8	94.8	94.8
Limit (dB)	17.6	17.6	17.5	17.5
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	20.4	20.2	20.8	20.5
Freq. (MHz)	93.8	94.8	100.0	97.5
Limit (dB)	15.0	14.9	14.4	14.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	1,2
RL (dB)	1.6	-1.2	1.8	3.6
Freq. (MHz)	24.9	26.0	25.9	79.3
Limit (dB)	14.1	13.9	13.9	9.0



Compliant Network Standards:

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



Cable ID/ Test ID: 10

Test Limit: 1000BASE-T

Limits Version: V7.13

Date / Time: 07/10/2026 01:26:23 PM

Operator: ASSUTECH

Headroom 13.0 dB (NEXT 1,2-3,6)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 19500321

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000 (DSX-CHA004)

S/N: 4974118

Test Summary: PASS

Remote: Versiv

S/N: 19500016

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000R (DSX-CHA004)

S/N: 4738029

Length (ft), Limit 328	[Pair 4,5]	56
Prop. Delay (ns), Limit 570	[Pair 7,8]	87
Delay Skew (ns), Limit 50	[Pair 7,8]	4
Resistance (ohms), Limit 25.00	[Pair 3,6]	9.20
Impedance (ohms), Limit 85-115	[Pair 1,2]	103
Insertion Loss Margin (dB)	[Pair 1,2]	20.2
Frequency (MHz)	[Pair 1,2]	100.0
Limit (dB)	[Pair 1,2]	24.0

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	13.4	13.0	13.5	13.1
Freq. (MHz)	78.5	78.5	78.8	78.8
Limit (dB)	28.9	28.9	28.8	28.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-1,2	1,2-4,5	3,6-7,8	7,8-3,6
ACR-F (dB)	21.8	21.9	24.8	24.9
Freq. (MHz)	4.8	4.8	94.3	94.3
Limit (dB)	43.5	43.5	17.5	17.5
Worst Pair	4,5	4,5	3,6	3,6
PS ACR-F (dB)	22.4	22.3	26.5	26.0
Freq. (MHz)	6.6	4.8	100.0	95.3
Limit (dB)	38.0	40.9	14.4	14.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	1,2	4,5	1,2
RL (dB)	8.0	3.4	8.1	3.5
Freq. (MHz)	82.3	75.0	82.5	81.5
Limit (dB)	8.9	9.3	8.8	8.9

Compliant Network Standards:

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



56 ft

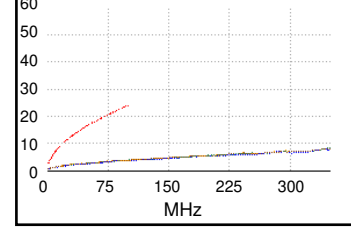


Wire Map (T568B)

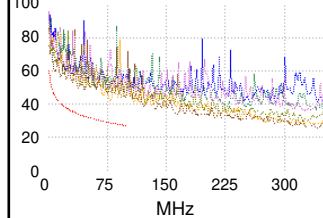
PASS



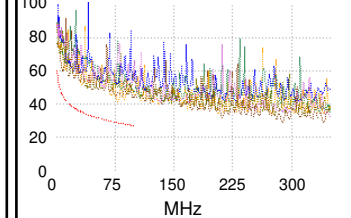
Insertion Loss (dB)



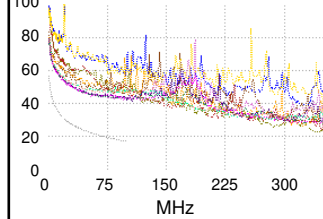
NEXT (dB)



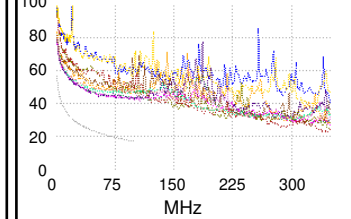
NEXT @ Remote (dB)



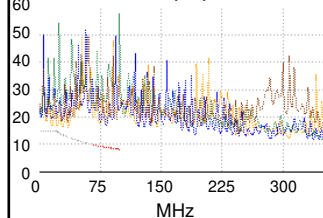
ACR-F (dB)



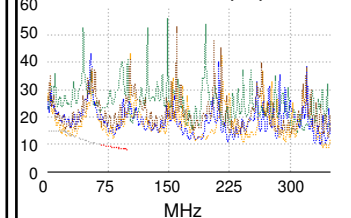
ACR-F @ Remote (dB)



RL (dB)



RL @ Remote (dB)





Cable ID/ Test ID: 11

Test Limit: 1000BASE-T

Limits Version: V7.13

Date / Time: 07/10/2026 01:27:20 PM

Operator: ASSUTECH

Headroom 13.0 dB (NEXT 3,6-4,5)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 19500321

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000 (DSX-CHA004)

S/N: 4974118

Test Summary: PASS

Remote: Versiv

S/N: 19500016

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000R (DSX-CHA004)

S/N: 4738029

Length (ft), Limit 328	[Pair 4,5]	56
Prop. Delay (ns), Limit 570	[Pair 7,8]	87
Delay Skew (ns), Limit 50	[Pair 7,8]	4
Resistance (ohms), Limit 25.00	[Pair 3,6]	9.06
Impedance (ohms), Limit 85-115	[Pair 3,6]	114
Insertion Loss Margin (dB)	[Pair 3,6]	20.1
Frequency (MHz)	[Pair 3,6]	100.0
Limit (dB)	[Pair 3,6]	24.0

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)	13.1	13.0	13.2	13.0
Freq. (MHz)	97.8	97.8	98.0	97.8
Limit (dB)	27.3	27.3	27.2	27.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	7,8-3,6	4,5-3,6	3,6-4,5
ACR-F (dB)	23.2	23.2	24.7	25.0
Freq. (MHz)	22.8	54.5	93.8	93.8
Limit (dB)	29.9	22.3	17.6	17.6
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	23.3	22.4	24.2	23.0
Freq. (MHz)	4.6	23.0	100.0	89.3
Limit (dB)	41.1	27.2	14.4	15.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	1,2
RL (dB)	7.9	4.2	7.9	4.2
Freq. (MHz)	87.8	87.5	87.8	87.5
Limit (dB)	8.6	8.6	8.6	8.6

Compliant Network Standards:

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



56 ft

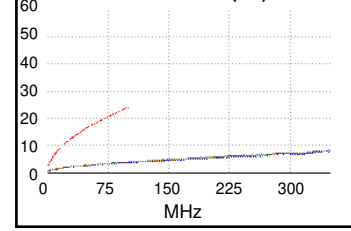


Wire Map (T568B)

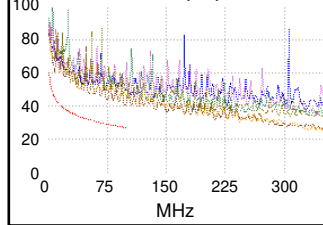
PASS



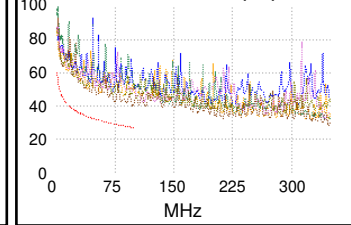
Insertion Loss (dB)



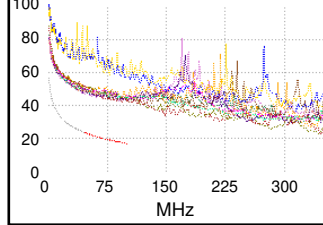
NEXT (dB)



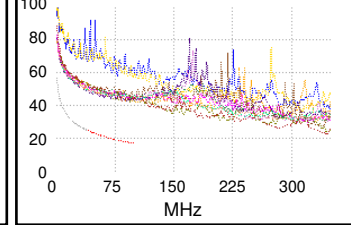
NEXT @ Remote (dB)



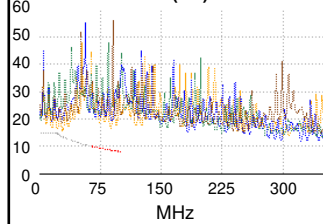
ACR-F (dB)



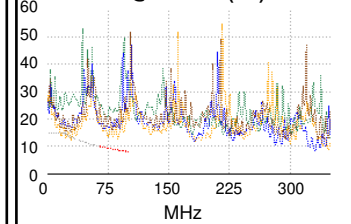
ACR-F @ Remote (dB)



RL (dB)



RL @ Remote (dB)





Cable ID/ Test ID: 12

Test Limit: 1000BASE-T

Limits Version: V7.13

Date / Time: 07/10/2026 01:27:55 PM

Operator: ASSUTECH

Headroom 14.1 dB (NEXT 3,6-4,5)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 19500321

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000 (DSX-CHA004)

S/N: 4974118

Test Summary: PASS

Remote: Versiv

S/N: 19500016

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000R (DSX-CHA004)

S/N: 4738029

Length (ft), Limit 328	[Pair 3,6]	54
Prop. Delay (ns), Limit 570	[Pair 7,8]	83
Delay Skew (ns), Limit 50	[Pair 1,2]	2
Resistance (ohms), Limit 25.00	[Pair 3,6]	6.92
Impedance (ohms), Limit 85-115	[Pair 1,2]	106
Insertion Loss Margin (dB)	[Pair 1,2]	20.3
Frequency (MHz)	[Pair 1,2]	100.0
Limit (dB)	[Pair 1,2]	24.0

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	1,2-4,5
NEXT (dB)	14.3	14.1	15.4	15.2
Freq. (MHz)	70.5	70.5	94.3	100.0
Limit (dB)	29.7	29.7	27.5	27.1

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)	21.7	21.8	22.7	22.5
Freq. (MHz)	33.3	11.5	99.3	99.3
Limit (dB)	26.6	35.8	17.1	17.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	22.1	22.0	22.6	22.6
Freq. (MHz)	8.8	11.0	99.3	98.5
Limit (dB)	35.6	33.6	14.5	14.5

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	1,2	1,2	1,2
RL (dB)	9.5	4.5	9.9	4.5
Freq. (MHz)	71.0	78.3	91.5	78.3
Limit (dB)	9.5	9.1	8.4	9.1

Compliant Network Standards:

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



54 ft

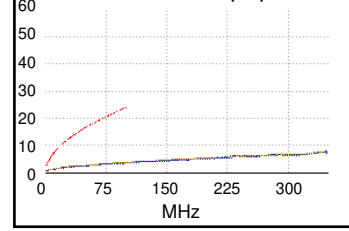


Wire Map (T568B)

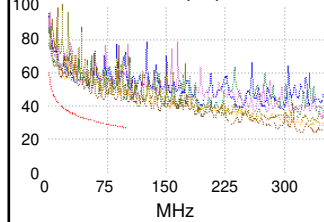
PASS



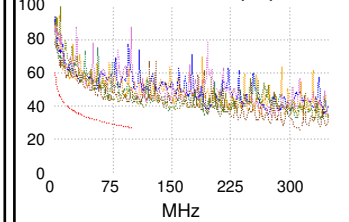
Insertion Loss (dB)



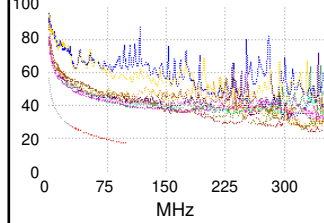
NEXT (dB)



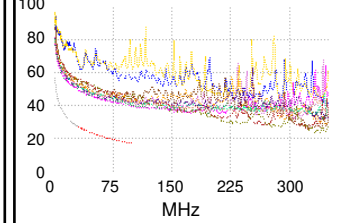
NEXT @ Remote (dB)



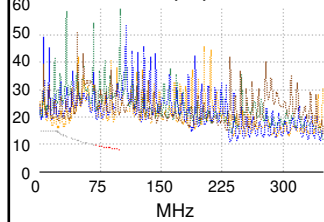
ACR-F (dB)



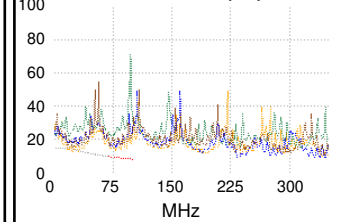
ACR-F @ Remote (dB)



RL (dB)



RL @ Remote (dB)





Cable ID/ Test ID: 16

Test Limit: 1000BASE-T

Limits Version: V7.13

Date / Time: 07/10/2026 01:04:01 PM

Operator: ASSUTECH

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 19500321

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000 (DSX-CHA004)

S/N: 4974118

Test Summary: FAIL

Remote: Versiv

S/N: 19500016

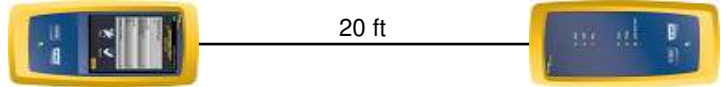
Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

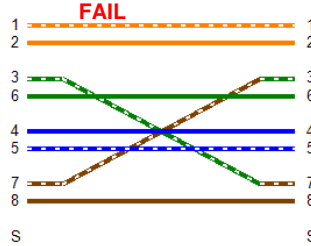
Adapter: DSX-5000R (DSX-CHA004)

S/N: 4738029

Length (ft)	[Pair 1,2]	20
Prop. Delay (ns)	[Pair 7,8]	30
Delay Skew (ns)	[Pair 1,2]	0
Resistance (ohms)	[Pair 3,6]	Open



Wire Map (T568B)



Cable ID/ Test ID: 17

Test Limit: 1000BASE-T

Limits Version: V7.13

Date / Time: 07/10/2026 01:04:26 PM

Operator: ASSUTECH

Headroom -3.6 dB (NEXT 3,6-4,5)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 19500321

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000 (DSX-CHA004)

S/N: 4974118

Test Summary: FAIL

Remote: Versiv

S/N: 19500016

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000R (DSX-CHA004)

S/N: 4738029

Length (ft), Limit 328	[Pair 1,2]	20
Prop. Delay (ns), Limit 570	[Pair 4,5]	30
Delay Skew (ns), Limit 50	[Pair 1,2]	0
Resistance (ohms), Limit 25.00	[Pair 4,5]	29.26
Impedance (ohms), Limit 85-115	[Pair 3,6]	61
Insertion Loss Margin (dB)	[Pair 3,6]	11.4
Frequency (MHz)	[Pair 3,6]	65.3
Limit (dB)	[Pair 3,6]	19.2



20 ft

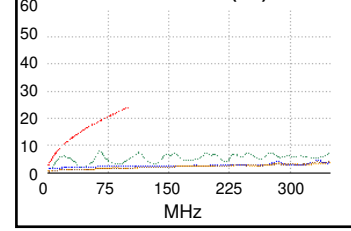


Wire Map (T568B)

PASS



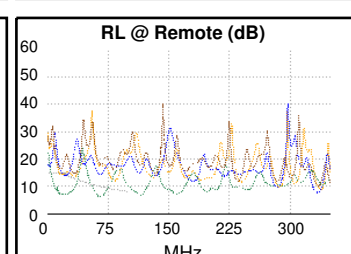
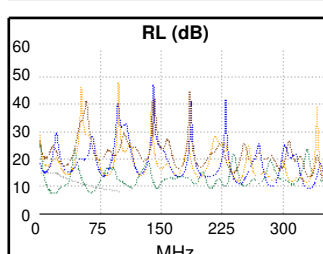
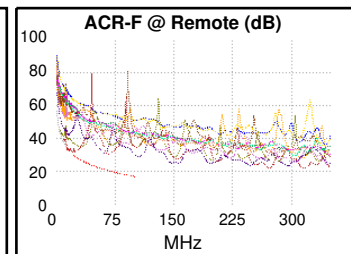
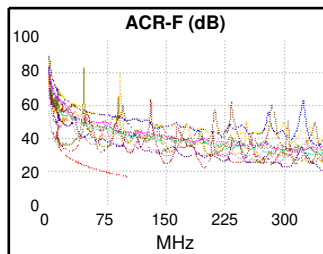
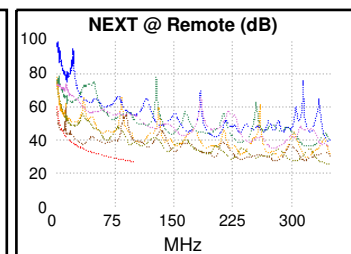
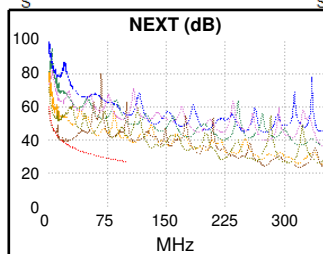
Insertion Loss (dB)



	Worst Case Margin	Worst Case Value	MAIN	SR	MAIN	SR
FAIL						
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-7,8		
NEXT (dB)	-2.3 F	-3.6 F	0.7	9.6		
Freq. (MHz)	2.6	2.3	20.5	94.5		
Limit (dB)	53.7	54.8	38.7	27.5		

	Worst Case Margin	Worst Case Value	MAIN	SR	MAIN	SR
FAIL						
Worst Pair	3,6-4,5	3,6-4,5	4,5-3,6	7,8-3,6		
ACR-F (dB)	-1.2 F	-1.1 F	11.5	13.5		
Freq. (MHz)	1.3	1.3	67.0	100.0		
Limit (dB)	55.1	55.1	20.5	17.0		
Worst Pair	4,5	4,5	3,6	3,6		
PS ACR-F (dB)	1.3	1.4	13.0	9.9		
Freq. (MHz)	1.3	1.3	66.5	63.5		
Limit (dB)	52.5	52.5	17.9	18.3		

	Worst Case Margin	Worst Case Value	MAIN	SR	MAIN	SR
FAIL						
Worst Pair	3,6	3,6	3,6	3,6		
RL (dB)	-7.8 F	-8.1 F	-7.8	-3.6		
Freq. (MHz)	16.9	20.1	16.9	65.8		
Limit (dB)	15.0	15.0	15.0	9.8		





Cable ID/ Test ID: 18

Test Limit: 1000BASE-T

Limits Version: V7.13

Date / Time: 07/10/2026 01:04:55 PM

Operator: ASSUTECH

Headroom 13.6 dB (NEXT 3,6-4,5)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 19500321

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000 (DSX-CHA004)

S/N: 4974118

Test Summary: PASS

Remote: Versiv

S/N: 19500016

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000R (DSX-CHA004)

S/N: 4738029

Length (ft), Limit 328	[Pair 1,2]	19
Prop. Delay (ns), Limit 570	[Pair 3,6]	30
Delay Skew (ns), Limit 50	[Pair 3,6]	1
Resistance (ohms), Limit 25.00	[Pair 1,2]	4.15
Impedance (ohms), Limit 85-115	[Pair 1,2]	123
Insertion Loss Margin (dB)	[Pair 1,2]	20.9
Frequency (MHz)	[Pair 1,2]	89.0
Limit (dB)	[Pair 1,2]	22.6

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)	13.6	14.0	13.9	14.4
Freq. (MHz)	77.5	78.5	80.0	82.0
Limit (dB)	29.0	28.9	28.7	28.5

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)	23.6	23.5	24.2	24.3
Freq. (MHz)	36.5	36.5	100.0	100.0
Limit (dB)	25.8	25.8	17.0	17.0
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	23.4	23.2	24.0	23.5
Freq. (MHz)	79.8	90.5	100.0	94.3
Limit (dB)	16.4	15.3	14.4	14.9

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	1,2
RL (dB)	1.9	-0.8	5.6	3.3
Freq. (MHz)	32.8	18.5	85.0	84.8
Limit (dB)	12.9	15.0	8.7	8.7

Compliant Network Standards:

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



19 ft

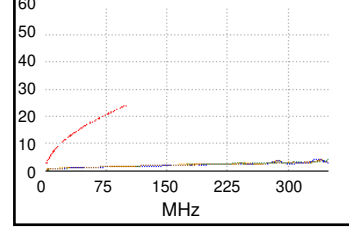


Wire Map (T568B)

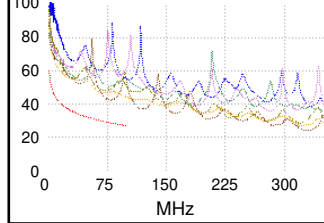
PASS



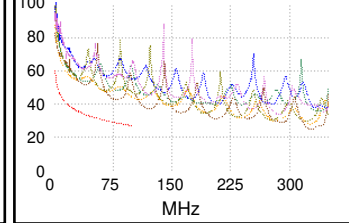
Insertion Loss (dB)



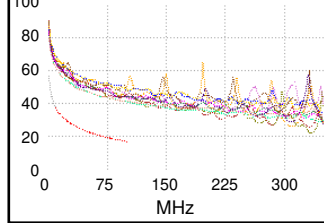
NEXT (dB)



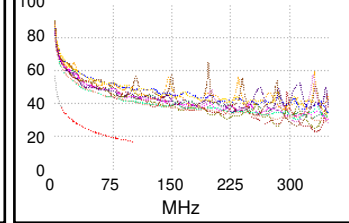
NEXT @ Remote (dB)



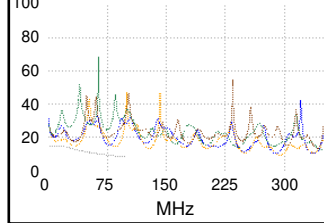
ACR-F (dB)



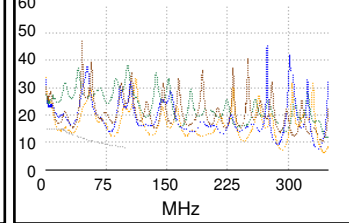
ACR-F @ Remote (dB)



RL (dB)



RL @ Remote (dB)





Cable ID/ Test ID: 19

Test Limit: 1000BASE-T

Limits Version: V7.13

Date / Time: 07/10/2026 01:20:53 PM

Operator: ASSUTECH

Headroom 13.5 dB (NEXT 3,6-4,5)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 19500321

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000 (DSX-CHA004)

S/N: 4974118

Test Summary: PASS

Remote: Versiv

S/N: 19500016

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000R (DSX-CHA004)

S/N: 4738029

Length (ft), Limit 328	[Pair 4,5]	33
Prop. Delay (ns), Limit 570	[Pair 7,8]	50
Delay Skew (ns), Limit 50	[Pair 1,2]	1
Resistance (ohms), Limit 25.00	[Pair 1,2]	8.56
Impedance (ohms), Limit 85-115	[Pair 1,2]	110
Insertion Loss Margin (dB)	[Pair 1,2]	21.4
Frequency (MHz)	[Pair 1,2]	100.0
Limit (dB)	[Pair 1,2]	24.0

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)	13.8	13.5	14.0	14.1
Freq. (MHz)	77.3	77.5	93.8	94.5
Limit (dB)	29.0	29.0	27.6	27.5

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)	21.9	21.8	22.6	22.3
Freq. (MHz)	3.3	4.6	100.0	100.0
Limit (dB)	46.8	43.7	17.0	17.0
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	21.8	22.0	22.6	22.9
Freq. (MHz)	3.3	4.8	98.3	100.0
Limit (dB)	44.2	40.9	14.6	14.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	1,2
RL (dB)	0.6	-1.5	1.2	-0.8
Freq. (MHz)	16.8	20.1	30.0	29.9
Limit (dB)	15.0	15.0	13.2	13.3

Compliant Network Standards:

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



33 ft

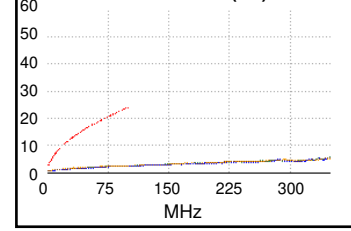


Wire Map (T568B)

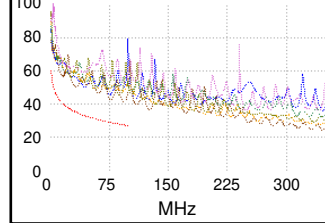
PASS



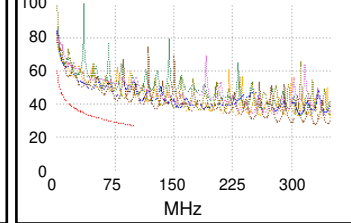
Insertion Loss (dB)



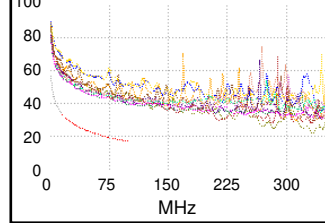
NEXT (dB)



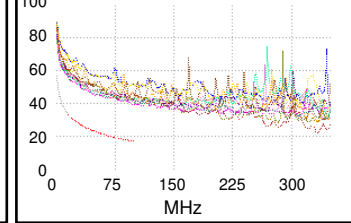
NEXT @ Remote (dB)



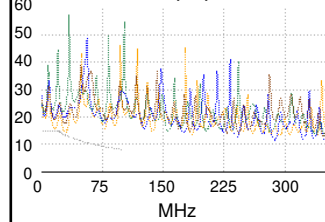
ACR-F (dB)



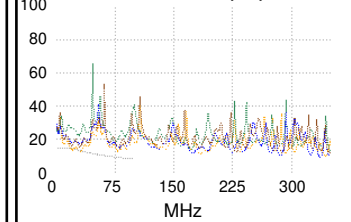
ACR-F @ Remote (dB)



RL (dB)



RL @ Remote (dB)





Cable ID/ Test ID: 20

Test Limit: 1000BASE-T

Limits Version: V7.13

Date / Time: 07/10/2026 01:21:23 PM

Operator: ASSUTECH

Headroom 13.7 dB (NEXT 3,6-4,5)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 19500321

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000 (DSX-CHA004)

S/N: 4974118

Test Summary: PASS

Remote: Versiv

S/N: 19500016

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000R (DSX-CHA004)

S/N: 4738029

Length (ft), Limit 328	[Pair 4,5]	33
Prop. Delay (ns), Limit 570	[Pair 7,8]	50
Delay Skew (ns), Limit 50	[Pair 1,2]	1
Resistance (ohms), Limit 25.00	[Pair 1,2]	5.82
Impedance (ohms), Limit 85-115	[Pair 7,8]	108
Insertion Loss Margin (dB)	[Pair 1,2]	20.7
Frequency (MHz)	[Pair 1,2]	93.8
Limit (dB)	[Pair 1,2]	23.2

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)	15.0	13.7	15.1	13.8
Freq. (MHz)	92.5	92.5	93.0	93.0
Limit (dB)	27.7	27.7	27.6	27.6

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)	21.0	21.1	21.3	21.2
Freq. (MHz)	8.3	8.3	97.0	97.0
Limit (dB)	38.7	38.7	17.3	17.3
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	21.5	21.3	21.7	22.2
Freq. (MHz)	44.3	8.3	97.0	100.0
Limit (dB)	21.5	36.1	14.7	14.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	1,2
RL (dB)	1.0	-1.7	1.8	3.0
Freq. (MHz)	16.8	19.5	30.0	79.3
Limit (dB)	15.0	15.0	13.2	9.0

Compliant Network Standards:

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



33 ft

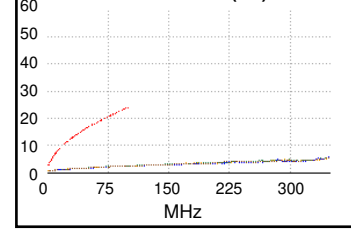


Wire Map (T568B)

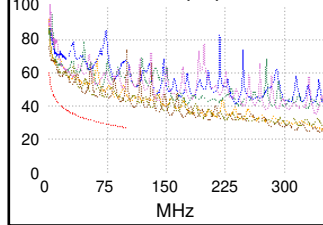
PASS



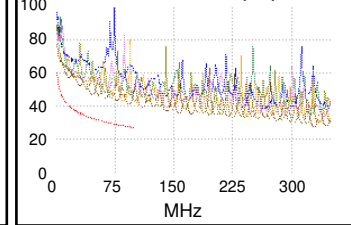
Insertion Loss (dB)



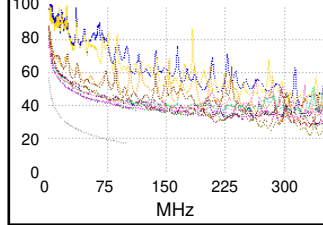
NEXT (dB)



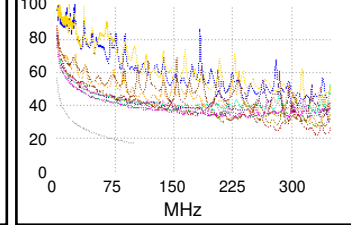
NEXT @ Remote (dB)



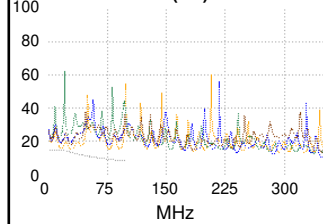
ACR-F (dB)



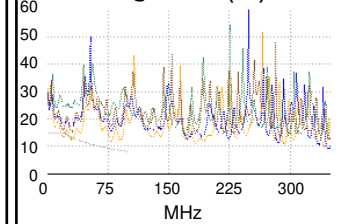
ACR-F @ Remote (dB)



RL (dB)



RL @ Remote (dB)





Cable ID/ Test ID: 21

Test Limit: 1000BASE-T

Limits Version: V7.13

Date / Time: 07/10/2026 01:21:48 PM

Operator: ASSUTECH

Headroom 11.6 dB (NEXT 3,6-4,5)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 19500321

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000 (DSX-CHA004)

S/N: 4974118

Test Summary: PASS

Remote: Versiv

S/N: 19500016

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000R (DSX-CHA004)

S/N: 4738029

Length (ft), Limit 328	[Pair 1,2]	32
Prop. Delay (ns), Limit 570	[Pair 3,6]	48
Delay Skew (ns), Limit 50	[Pair 1,2]	0
Resistance (ohms), Limit 25.00	[Pair 4,5]	12.35
Impedance (ohms), Limit 85-115	[Pair 4,5]	117
Insertion Loss Margin (dB)	[Pair 4,5]	21.5
Frequency (MHz)	[Pair 4,5]	100.0
Limit (dB)	[Pair 4,5]	24.0

Worst Case Margin Worst Case Value

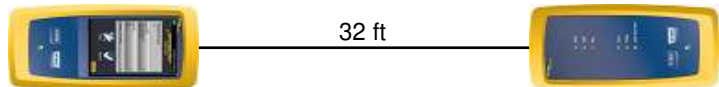
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	12.3	11.6	12.4	11.8
Freq. (MHz)	99.3	81.8	99.5	99.5
Limit (dB)	27.2	28.6	27.1	27.1

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)	22.3	22.4	22.3	22.4
Freq. (MHz)	100.0	100.0	100.0	100.0
Limit (dB)	17.0	17.0	17.0	17.0
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	21.5	21.4	21.7	21.5
Freq. (MHz)	68.8	5.4	100.0	100.0
Limit (dB)	17.7	39.8	14.4	14.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	1,2
RL (dB)	0.5	-1.9	1.8	-0.2
Freq. (MHz)	17.6	20.1	31.3	31.8
Limit (dB)	15.0	15.0	13.1	13.0

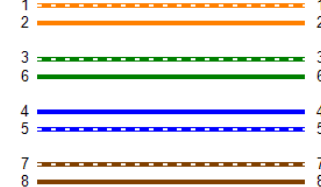
Compliant Network Standards:

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

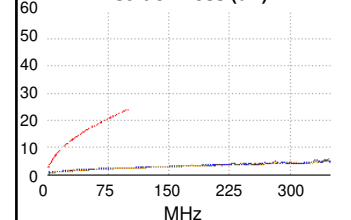


Wire Map (T568B)

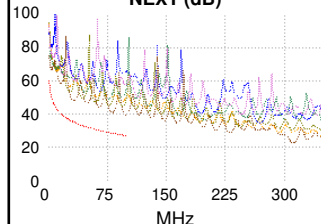
PASS



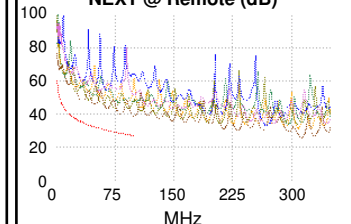
Insertion Loss (dB)



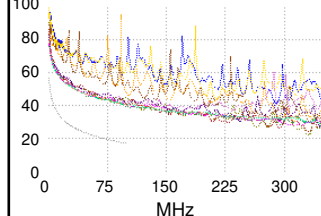
NEXT (dB)



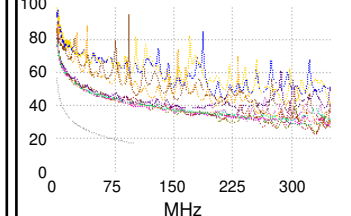
NEXT @ Remote (dB)



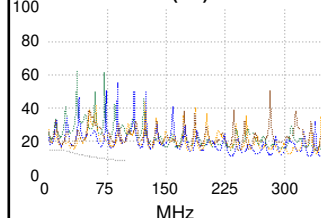
ACR-F (dB)



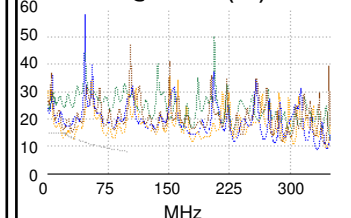
ACR-F @ Remote (dB)



RL (dB)



RL @ Remote (dB)



Cable ID/ Test ID: 22

Test Limit: 1000BASE-T

Limits Version: V7.13

Date / Time: 07/10/2026 01:19:47 PM

Operator: ASSUTECH

Headroom -0.3 dB (NEXT 1,2-3,6)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 19500321

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000 (DSX-CHA004)

S/N: 4974118

Test Summary: FAIL

Remote: Versiv

S/N: 19500016

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000R (DSX-CHA004)

S/N: 4738029

Length (ft), Limit 328	[Pair 4,5]	56
Prop. Delay (ns), Limit 570	[Pair 7,8]	88
Delay Skew (ns), Limit 50	[Pair 7,8]	4
Resistance (ohms), Limit 25.00	[Pair 1,2]	8.38
Impedance (ohms), Limit 85-115	[Pair 4,5]	108
Insertion Loss Margin (dB)	[Pair 1,2]	-1.9 F
Frequency (MHz)	[Pair 1,2]	3.8
Limit (dB)	[Pair 1,2]	4.3

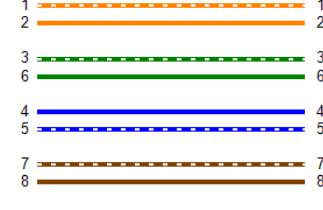


56 ft

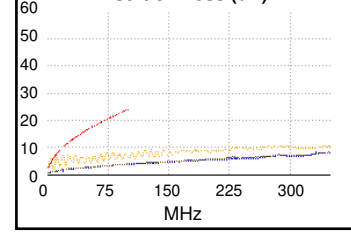


Wire Map (T568B)

PASS



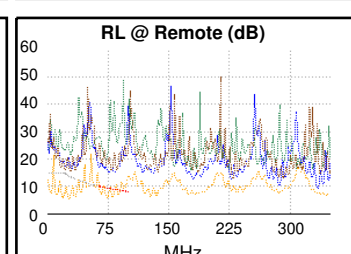
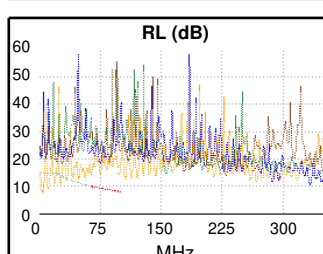
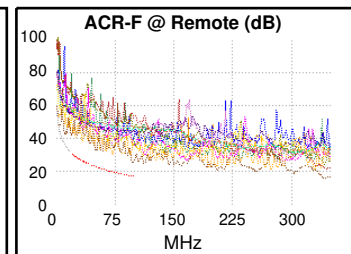
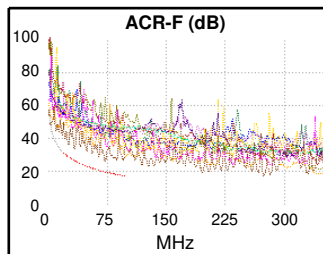
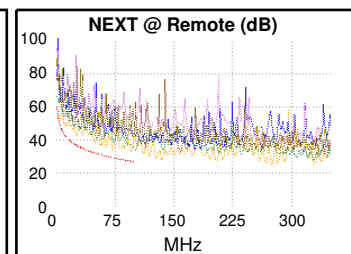
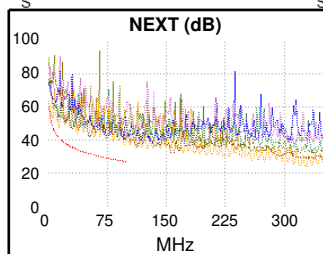
Insertion Loss (dB)



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
NEXT (dB)	3.2	-0.3 F	10.2	6.0
Freq. (MHz)	1.0	1.6	97.0	95.8
Limit (dB)	60.7	57.2	27.3	27.4

	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	3,6-1,2	3,6-1,2	3,6-1,2	3,6-1,2
ACR-F (dB)	0.3 *	1.6	6.3	8.1
Freq. (MHz)	2.3	3.3	72.0	98.0
Limit (dB)	50.0	46.8	19.9	17.2
Worst Pair	1,2	1,2	1,2	1,2
PS ACR-F (dB)	2.6	3.9	8.7	10.1
Freq. (MHz)	2.0	3.3	72.3	98.0
Limit (dB)	48.4	44.2	17.2	14.6

	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
FAIL				
Worst Pair	1,2	1,2	1,2	1,2
RL (dB)	-7.3 F	-9.2 F	-7.3	-8.3
Freq. (MHz)	4.0	19.0	4.0	26.8
Limit (dB)	15.0	15.0	15.0	13.7



* Measurement is within the accuracy limits of the instrument.

LinkWare™ PC Version 12.0

Project: EXAMPLE - client anonymise

Site: Not Set

Floor: Not Set

Rack: Not Set

ASSUTECH - recette de cablage - assutech.com

Building: Not Set

Room: Not Set

Patch: Not Set



Cable ID/ Test ID: 23

Test Limit: 1000BASE-T

Limits Version: V7.13

Date / Time: 07/10/2026 01:17:33 PM

Operator: ASSUTECH

Headroom 12.5 dB (NEXT 3,6-4,5)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 19500321

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000 (DSX-CHA004)

S/N: 4974118

Test Summary: PASS

Remote: Versiv

S/N: 19500016

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000R (DSX-CHA004)

S/N: 4738029

Length (ft), Limit 328	[Pair 4,5]	56
Prop. Delay (ns), Limit 570	[Pair 7,8]	88
Delay Skew (ns), Limit 50	[Pair 7,8]	4
Resistance (ohms), Limit 25.00	[Pair 1,2]	9.84
Impedance (ohms), Limit 85-115	[Pair 3,6]	108
Insertion Loss Margin (dB)	[Pair 1,2]	20.0
Frequency (MHz)	[Pair 1,2]	100.0
Limit (dB)	[Pair 1,2]	24.0

Worst Case Margin Worst Case Value

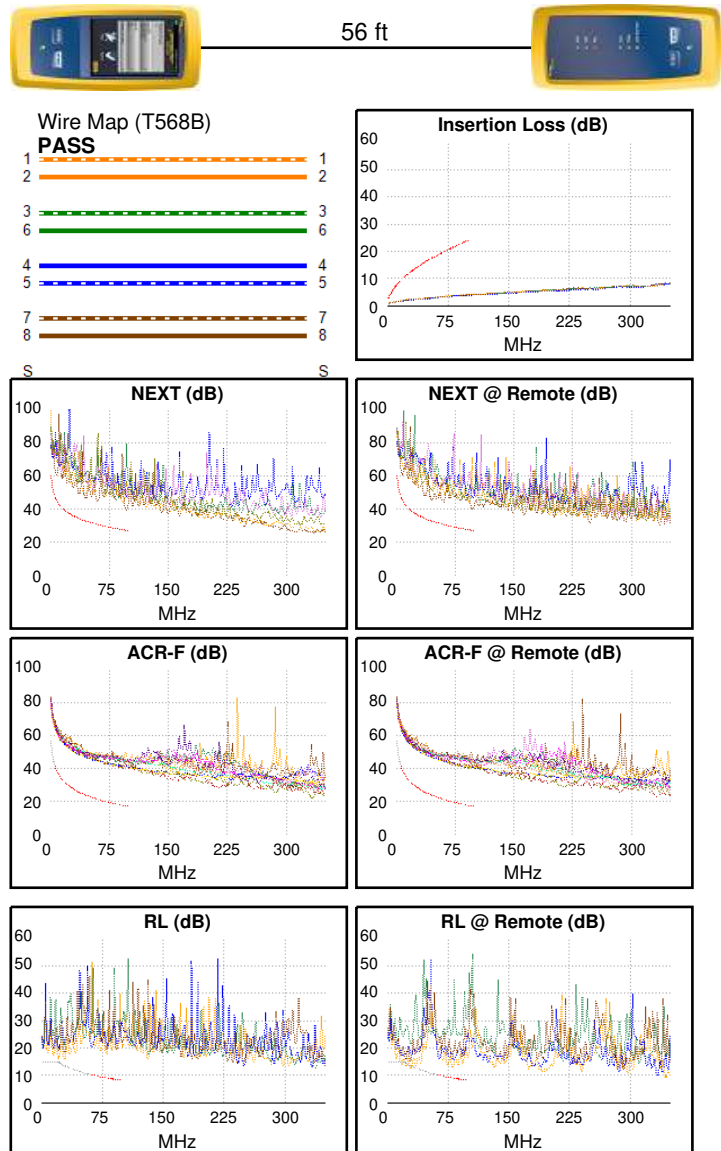
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	12.5	12.6	12.5	12.7
Freq. (MHz)	96.8	45.3	96.8	97.0
Limit (dB)	27.3	32.9	27.3	27.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-1,2	1,2-7,8	4,5-3,6	3,6-4,5
ACR-F (dB)	22.0	22.1	23.1	23.3
Freq. (MHz)	3.3	3.3	99.5	99.5
Limit (dB)	46.8	46.8	17.0	17.0
Worst Pair	1,2	1,2	3,6	1,2
PS ACR-F (dB)	21.1	21.3	22.9	23.2
Freq. (MHz)	3.3	4.0	99.3	100.0
Limit (dB)	44.2	42.4	14.5	14.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	1,2
RL (dB)	8.7	3.9	8.7	3.9
Freq. (MHz)	80.0	80.8	80.0	80.8
Limit (dB)	9.0	8.9	9.0	8.9

Compliant Network Standards:

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





Cable ID/ Test ID: 24

Test Limit: 1000BASE-T

Limits Version: V7.13

Date / Time: 07/10/2026 01:16:55 PM

Operator: ASSUTECH

Headroom 12.6 dB (NEXT 3,6-4,5)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 19500321

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000 (DSX-CHA004)

S/N: 4974118

Test Summary: PASS

Remote: Versiv

S/N: 19500016

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000R (DSX-CHA004)

S/N: 4738029

Length (ft), Limit 328	[Pair 1,2]	56
Prop. Delay (ns), Limit 570	[Pair 7,8]	84
Delay Skew (ns), Limit 50	[Pair 7,8]	1
Resistance (ohms), Limit 25.00	[Pair 1,2]	7.74
Impedance (ohms), Limit 85-115	[Pair 3,6]	113
Insertion Loss Margin (dB)	[Pair 1,2]	20.2
Frequency (MHz)	[Pair 1,2]	100.0
Limit (dB)	[Pair 1,2]	24.0

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)	13.1	12.6	13.2	12.7
Freq. (MHz)	92.5	92.5	93.0	92.8
Limit (dB)	27.7	27.7	27.6	27.6

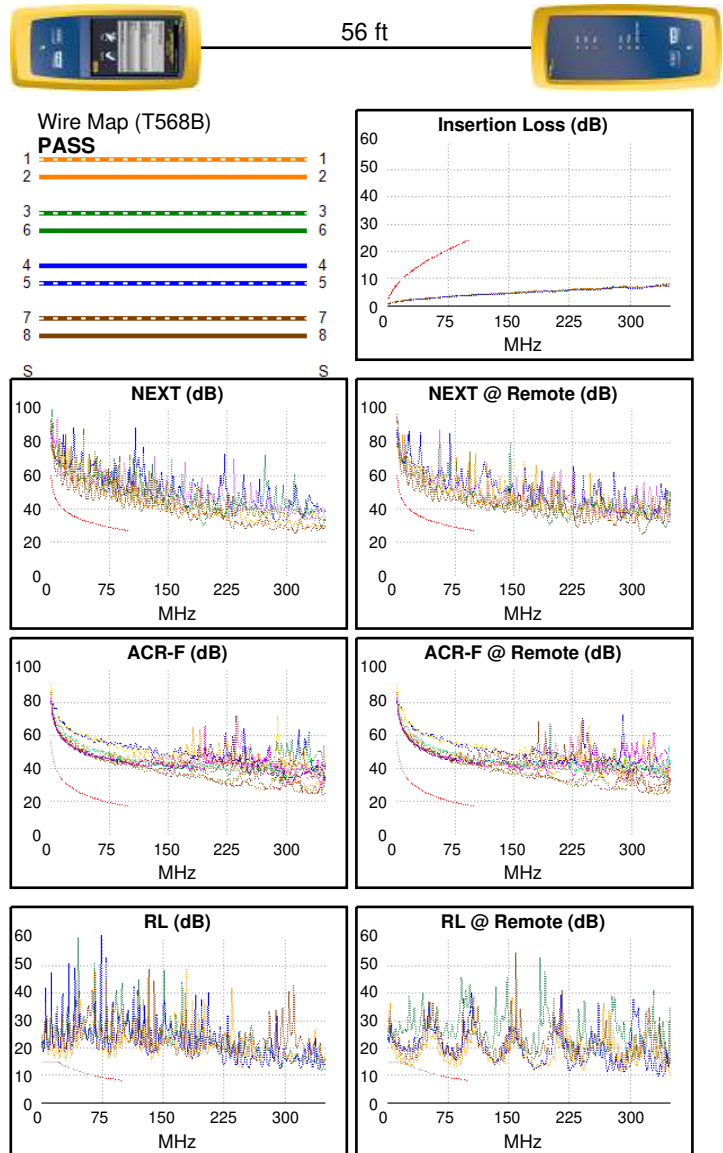
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	4,5-3,6	3,6-4,5
ACR-F (dB)	23.7	23.7	24.2	24.2
Freq. (MHz)	82.5	82.5	89.3	89.3
Limit (dB)	18.7	18.7	18.0	18.0

Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	23.3	22.6	23.9	24.0
Freq. (MHz)	4.0	64.0	96.3	99.8
Limit (dB)	42.4	18.3	14.7	14.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	1,2
RL (dB)	7.5	3.8	7.5	3.8
Freq. (MHz)	83.8	84.0	83.8	84.0
Limit (dB)	8.8	8.8	8.8	8.8

Compliant Network Standards:

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





Cable ID/ Test ID: 25

Test Limit: 1000BASE-T

Limits Version: V7.13

Date / Time: 07/10/2026 01:05:57 PM

Operator: ASSUTECH

Headroom 13.3 dB (NEXT 3,6-4,5)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 19500321

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000 (DSX-CHA004)

S/N: 4974118

Test Summary: PASS

Remote: Versiv

S/N: 19500016

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000R (DSX-CHA004)

S/N: 4738029

Length (ft), Limit 328	[Pair 4,5]	57
Prop. Delay (ns), Limit 570	[Pair 7,8]	89
Delay Skew (ns), Limit 50	[Pair 7,8]	4
Resistance (ohms), Limit 25.00	[Pair 1,2]	7.39
Impedance (ohms), Limit 85-115	[Pair 4,5]	110
Insertion Loss Margin (dB)	[Pair 1,2]	20.0
Frequency (MHz)	[Pair 1,2]	100.0
Limit (dB)	[Pair 1,2]	24.0

Worst Case Margin Worst Case Value

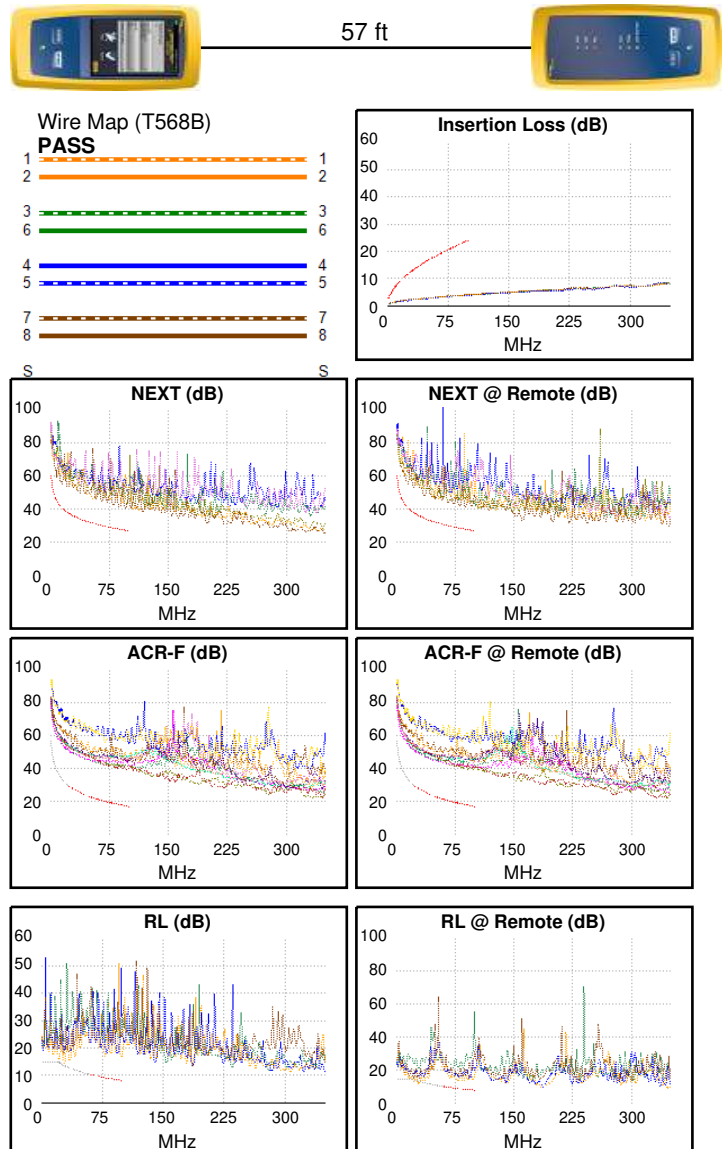
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	13.3	13.4	13.3	13.7
Freq. (MHz)	95.8	80.8	95.8	88.5
Limit (dB)	27.4	28.7	27.4	28.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-1,2	1,2-4,5	4,5-3,6	3,6-4,5
ACR-F (dB)	21.0	21.0	22.3	22.5
Freq. (MHz)	5.4	5.4	98.3	98.5
Limit (dB)	42.4	42.4	17.2	17.1
Worst Pair	4,5	4,5	3,6	4,5
PS ACR-F (dB)	20.7	20.7	22.9	23.1
Freq. (MHz)	19.4	18.3	98.0	98.5
Limit (dB)	28.7	29.2	14.6	14.5

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	1,2
RL (dB)	8.0	4.3	8.5	4.3
Freq. (MHz)	78.5	79.0	98.8	79.0
Limit (dB)	9.1	9.0	8.1	9.0

Compliant Network Standards:

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





Cable ID/ Test ID: 26

Test Limit: 1000BASE-T

Limits Version: V7.13

Date / Time: 07/10/2026 01:06:36 PM

Operator: ASSUTECH

Headroom 10.5 dB (NEXT 3,6-4,5)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 19500321

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000 (DSX-CHA004)

S/N: 4974118

Test Summary: PASS

Remote: Versiv

S/N: 19500016

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000R (DSX-CHA004)

S/N: 4738029

Length (ft), Limit 328	[Pair 4,5]	57
Prop. Delay (ns), Limit 570	[Pair 7,8]	89
Delay Skew (ns), Limit 50	[Pair 7,8]	4
Resistance (ohms), Limit 25.00	[Pair 7,8]	6.77
Impedance (ohms), Limit 85-115	[Pair 4,5]	108
Insertion Loss Margin (dB)	[Pair 7,8]	20.0
Frequency (MHz)	[Pair 7,8]	100.0
Limit (dB)	[Pair 7,8]	24.0



57 ft

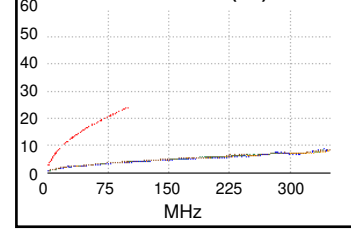


Wire Map (T568B)

PASS



Insertion Loss (dB)



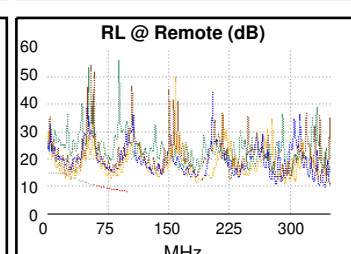
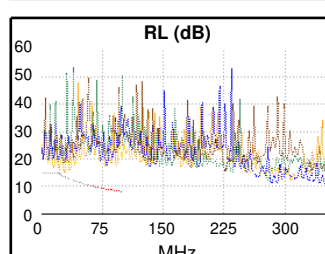
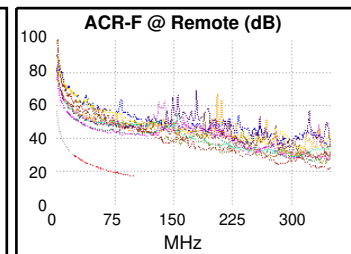
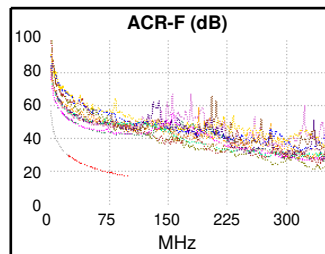
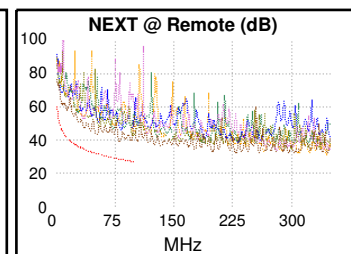
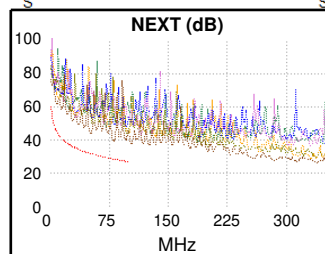
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	11.0	10.5	11.0	10.6
Freq. (MHz)	80.8	80.8	80.8	81.0
Limit (dB)	28.7	28.7	28.7	28.6

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)	21.2	21.2	23.6	23.5
Freq. (MHz)	3.3	3.3	83.3	83.3
Limit (dB)	46.8	46.8	18.6	18.6
Worst Pair	4,5	4,5	4,5	1,2
PS ACR-F (dB)	22.7	22.5	23.8	25.6
Freq. (MHz)	4.6	4.3	83.0	99.0
Limit (dB)	41.1	41.8	16.0	14.5

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	1,2
RL (dB)	8.3	3.7	8.3	3.7
Freq. (MHz)	79.3	79.3	79.3	79.8
Limit (dB)	9.0	9.0	9.0	9.0

Compliant Network Standards:

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





Cable ID/ Test ID: 27

Test Limit: 1000BASE-T

Limits Version: V7.13

Date / Time: 07/10/2026 01:07:16 PM

Operator: ASSUTECH

Headroom 12.0 dB (NEXT 3,6-4,5)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 19500321

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000 (DSX-CHA004)

S/N: 4974118

Test Summary: PASS

Remote: Versiv

S/N: 19500016

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000R (DSX-CHA004)

S/N: 4738029

Length (ft), Limit 328	[Pair 3,6]	56
Prop. Delay (ns), Limit 570	[Pair 7,8]	85
Delay Skew (ns), Limit 50	[Pair 7,8]	2
Resistance (ohms), Limit 25.00	[Pair 4,5]	6.94
Impedance (ohms), Limit 85-115	[Pair 4,5]	109
Insertion Loss Margin (dB)	[Pair 1,2]	20.2
Frequency (MHz)	[Pair 1,2]	100.0
Limit (dB)	[Pair 1,2]	24.0

Worst Case Margin Worst Case Value

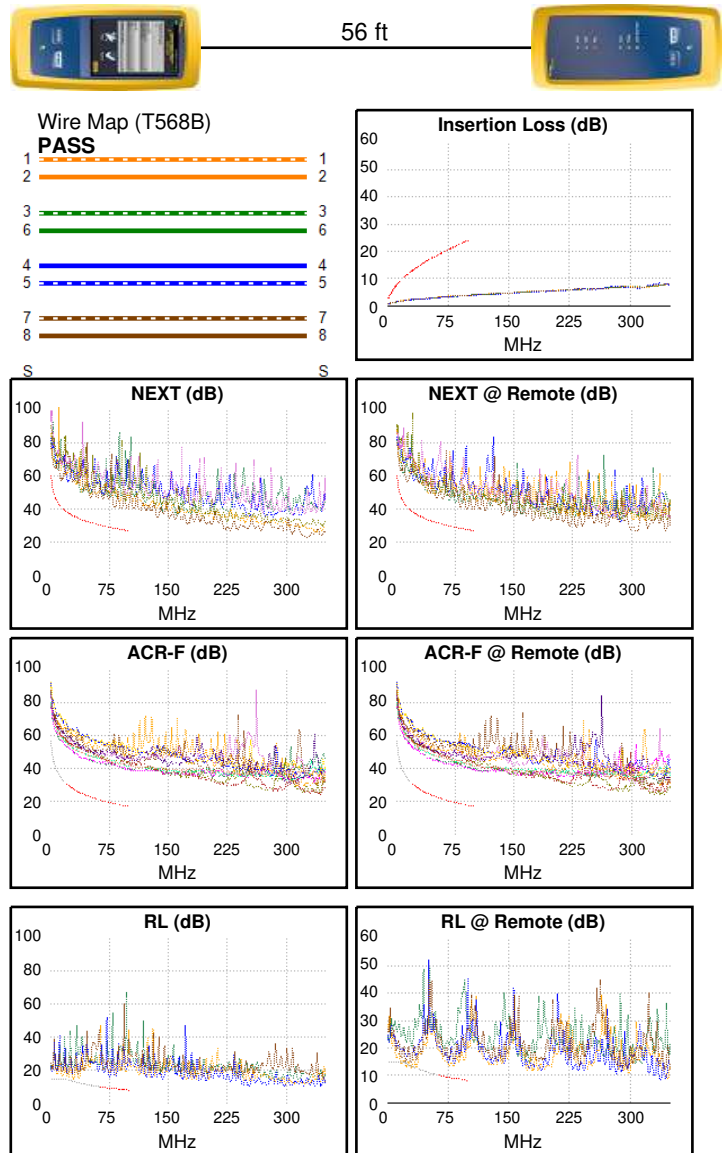
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	12.0	12.3	12.4	12.5
Freq. (MHz)	90.0	90.0	98.3	98.3
Limit (dB)	27.9	27.9	27.2	27.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-1,2	1,2-4,5	4,5-1,2	4,5-1,2
ACR-F (dB)	21.2	21.3	22.4	22.5
Freq. (MHz)	40.0	40.0	97.8	100.0
Limit (dB)	25.0	25.0	17.2	17.0
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	21.7	21.6	22.3	21.9
Freq. (MHz)	39.5	40.0	100.0	96.8
Limit (dB)	22.5	22.4	14.4	14.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	1,2	4,5	1,2
RL (dB)	7.1	4.3	7.3	4.3
Freq. (MHz)	75.8	82.3	82.8	82.3
Limit (dB)	9.2	8.9	8.8	8.9

Compliant Network Standards:

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



LinkWare™ PC Version 12.0

Project: EXAMPLE - client anonymise

Site: Not Set

Floor: Not Set

Rack: Not Set

ASSUTECH - recette de cablage - assutech.com

Building: Not Set

Room: Not Set

Patch: Not Set

FLUKE
networks®



Cable ID/ Test ID: 28

Test Limit: 1000BASE-T

Limits Version: V7.13

Date / Time: 07/10/2026 01:13:06 PM

Operator: ASSUTECH

Headroom 11.6 dB (NEXT 3,6-4,5)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 19500321

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000 (DSX-CHA004)

S/N: 4974118

Test Summary: PASS

Remote: Versiv

S/N: 19500016

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000R (DSX-CHA004)

S/N: 4738029

Length (ft), Limit 328	[Pair 4,5]	44
Prop. Delay (ns), Limit 570	[Pair 7,8]	69
Delay Skew (ns), Limit 50	[Pair 7,8]	3
Resistance (ohms), Limit 25.00	[Pair 1,2]	15.64
Impedance (ohms), Limit 85-115	[Pair 1,2]	117
Insertion Loss Margin (dB)	[Pair 1,2]	20.5
Frequency (MHz)	[Pair 1,2]	100.0
Limit (dB)	[Pair 1,2]	24.0

Worst Case Margin Worst Case Value

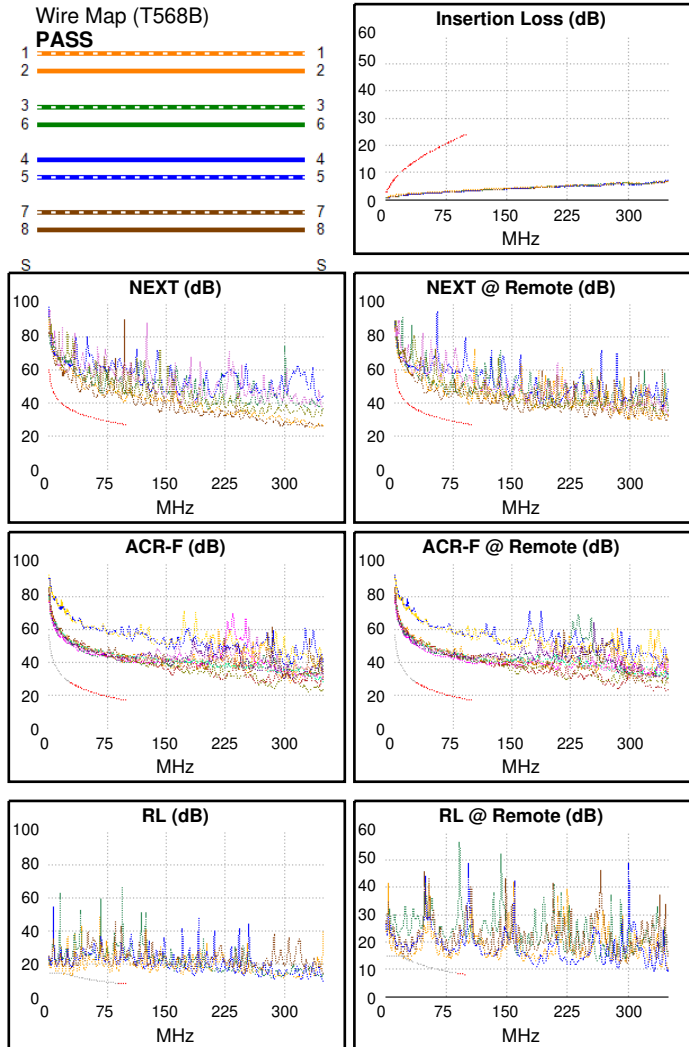
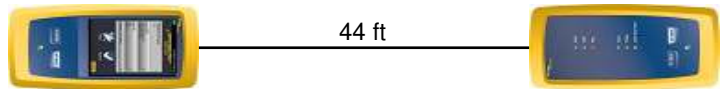
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	1,2-3,6
NEXT (dB)	12.6	11.6	13.5	12.2
Freq. (MHz)	59.8	59.8	96.3	96.0
Limit (dB)	30.9	30.9	27.4	27.4

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)	21.7	21.3	23.0	22.6
Freq. (MHz)	4.6	4.0	100.0	100.0
Limit (dB)	43.7	45.0	17.0	17.0
Worst Pair	3,6	1,2	3,6	1,2
PS ACR-F (dB)	21.7	21.8	21.7	22.4
Freq. (MHz)	94.8	4.0	94.8	95.5
Limit (dB)	14.9	42.4	14.9	14.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	1,2
RL (dB)	6.2	5.0	6.2	5.1
Freq. (MHz)	79.3	74.8	79.3	80.5
Limit (dB)	9.0	9.3	9.0	9.0

Compliant Network Standards:

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





Cable ID/ Test ID: 29

Test Limit: 1000BASE-T

Limits Version: V7.13

Date / Time: 07/10/2026 01:14:04 PM

Operator: ASSUTECH

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 19500321

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000 (DSX-CHA004)

S/N: 4974118

Remote: Versiv

S/N: 19500016

Software Version: V7.0 Build 3

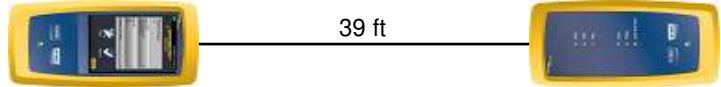
Calibration Date: 02/19/2026

Adapter: DSX-5000R (DSX-CHA004)

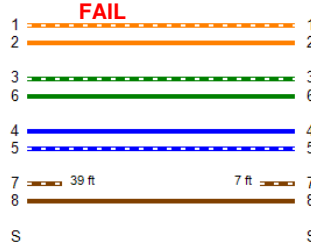
S/N: 4738029

Test Summary: FAIL

Length (ft)	[Pair 7,8]	39
Prop. Delay (ns)	[Pair 1,2]	68
Delay Skew (ns)	[Pair 1,2]	10
Resistance (ohms)	[Pair 7,8]	Open



Wire Map (T568B)





Cable ID/ Test ID: 30

Test Limit: 1000BASE-T

Limits Version: V7.13

Date / Time: 07/10/2026 01:15:17 PM

Operator: ASSUTECH

Headroom 11.9 dB (NEXT 3,6-4,5)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 19500321

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000 (DSX-CHA004)

S/N: 4974118

Test Summary: PASS

Remote: Versiv

S/N: 19500016

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000R (DSX-CHA004)

S/N: 4738029

Length (ft), Limit 328	[Pair 1,2]	44
Prop. Delay (ns), Limit 570	[Pair 7,8]	66
Delay Skew (ns), Limit 50	[Pair 1,2]	0
Resistance (ohms), Limit 25.00	[Pair 1,2]	6.57
Impedance (ohms), Limit 85-115	[Pair 3,6]	111
Insertion Loss Margin (dB)	[Pair 1,2]	20.9
Frequency (MHz)	[Pair 1,2]	100.0
Limit (dB)	[Pair 1,2]	24.0

Worst Case Margin Worst Case Value

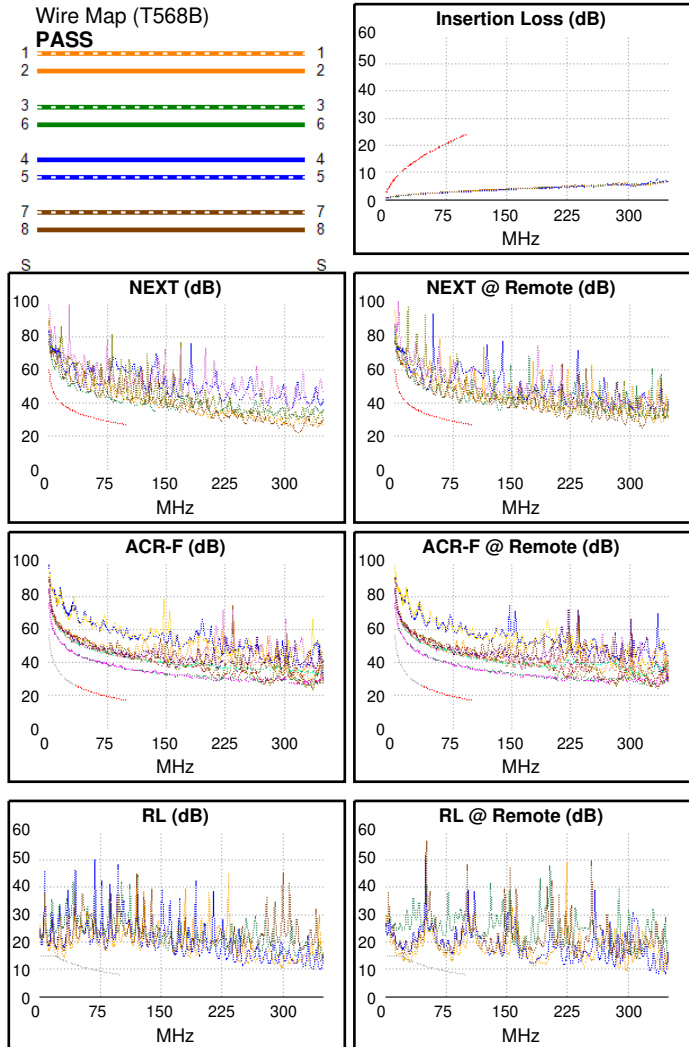
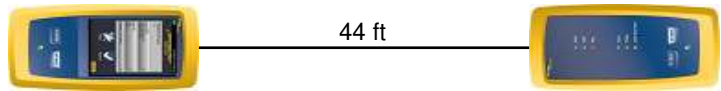
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-4,5	3,6-4,5
NEXT (dB)	12.5	11.9	12.8	11.9
Freq. (MHz)	84.0	84.0	92.3	84.0
Limit (dB)	28.4	28.4	27.7	28.4

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)	18.5	18.6	19.3	19.2
Freq. (MHz)	35.3	25.5	100.0	100.0
Limit (dB)	26.1	28.9	17.0	17.0
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	20.5	20.2	20.8	20.7
Freq. (MHz)	77.0	25.5	100.0	98.8
Limit (dB)	16.7	26.3	14.4	14.5

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	1,2
RL (dB)	7.8	4.4	7.8	4.5
Freq. (MHz)	82.0	82.3	82.0	82.5
Limit (dB)	8.9	8.9	8.9	8.8

Compliant Network Standards:

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





Cable ID/ Test ID: 31

Test Limit: 1000BASE-T

Limits Version: V7.13

Date / Time: 07/10/2026 01:09:02 PM

Operator: ASSUTECH

Headroom 13.0 dB (NEXT 3,6-4,5)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 19500321

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000 (DSX-CHA004)

S/N: 4974118

Test Summary: PASS

Remote: Versiv

S/N: 19500016

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000R (DSX-CHA004)

S/N: 4738029

Length (ft), Limit 328	[Pair 4,5]	45
Prop. Delay (ns), Limit 570	[Pair 7,8]	69
Delay Skew (ns), Limit 50	[Pair 1,2]	2
Resistance (ohms), Limit 25.00	[Pair 4,5]	8.62
Impedance (ohms), Limit 85-115	[Pair 4,5]	109
Insertion Loss Margin (dB)	[Pair 1,2]	20.8
Frequency (MHz)	[Pair 1,2]	100.0
Limit (dB)	[Pair 1,2]	24.0

Worst Case Margin Worst Case Value

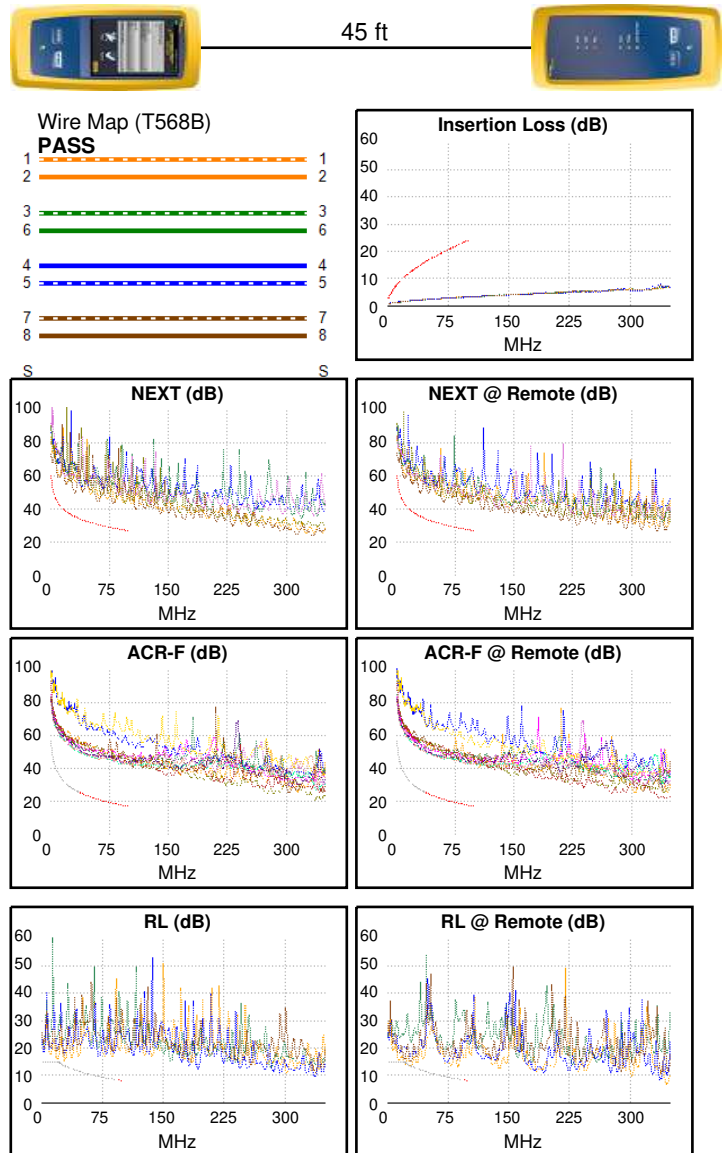
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	3,6-4,5
NEXT (dB)	13.0	13.7	16.2	14.4
Freq. (MHz)	1.1	60.5	94.3	81.0
Limit (dB)	59.8	30.8	27.5	28.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-4,5	4,5-7,8	7,8-4,5	4,5-7,8
ACR-F (dB)	24.1	24.2	25.8	25.8
Freq. (MHz)	39.5	39.5	100.0	100.0
Limit (dB)	25.1	25.1	17.0	17.0
Worst Pair	7,8	7,8	3,6	4,5
PS ACR-F (dB)	24.2	24.2	25.1	25.3
Freq. (MHz)	38.5	39.5	100.0	100.0
Limit (dB)	22.7	22.5	14.4	14.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	1,2
RL (dB)	7.9	4.4	8.0	4.7
Freq. (MHz)	78.3	78.5	87.3	87.5
Limit (dB)	9.1	9.1	8.6	8.6

Compliant Network Standards:

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





Cable ID/ Test ID: 32

Test Limit: 1000BASE-T

Limits Version: V7.13

Date / Time: 07/10/2026 01:09:53 PM

Operator: ASSUTECH

Headroom 13.1 dB (NEXT 3,6-4,5)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 19500321

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000 (DSX-CHA004)

S/N: 4974118

Test Summary: PASS

Remote: Versiv

S/N: 19500016

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000R (DSX-CHA004)

S/N: 4738029

Length (ft), Limit 328	[Pair 4,5]	45
Prop. Delay (ns), Limit 570	[Pair 7,8]	70
Delay Skew (ns), Limit 50	[Pair 7,8]	3
Resistance (ohms), Limit 25.00	[Pair 1,2]	7.60
Impedance (ohms), Limit 85-115	[Pair 4,5]	111
Insertion Loss Margin (dB)	[Pair 1,2]	20.8
Frequency (MHz)	[Pair 1,2]	100.0
Limit (dB)	[Pair 1,2]	24.0

Worst Case Margin Worst Case Value

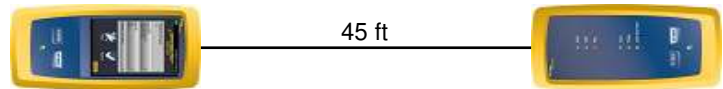
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	14.1	13.1	14.9	16.1
Freq. (MHz)	40.5	40.5	98.8	99.0
Limit (dB)	33.7	33.7	27.2	27.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	7,8-3,6	7,8-3,6	3,6-7,8
ACR-F (dB)	22.9	22.9	23.9	23.8
Freq. (MHz)	51.5	51.5	100.0	100.0
Limit (dB)	22.8	22.8	17.0	17.0
Worst Pair	4,5	3,6	4,5	4,5
PS ACR-F (dB)	22.6	23.0	24.0	24.0
Freq. (MHz)	30.3	80.8	100.0	100.0
Limit (dB)	24.8	16.3	14.4	14.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	1,2
RL (dB)	6.9	3.9	6.9	4.0
Freq. (MHz)	78.0	78.5	78.0	79.0
Limit (dB)	9.1	9.1	9.1	9.0

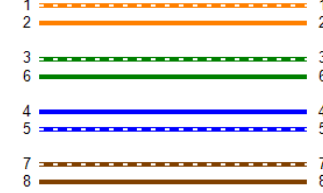
Compliant Network Standards:

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

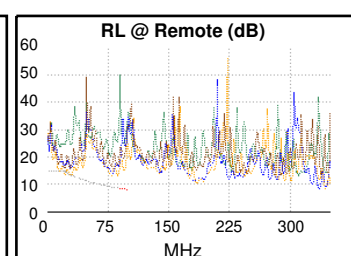
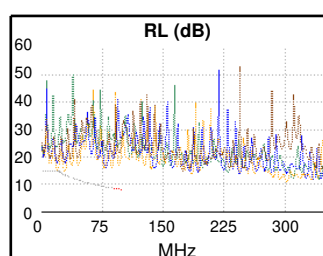
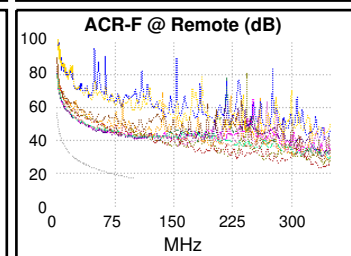
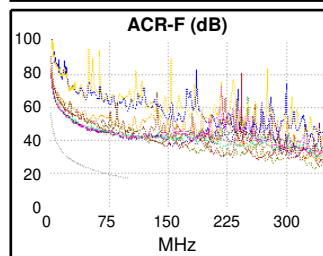
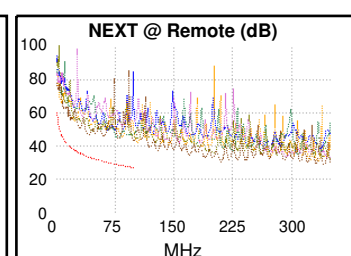
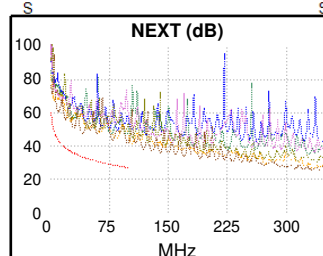
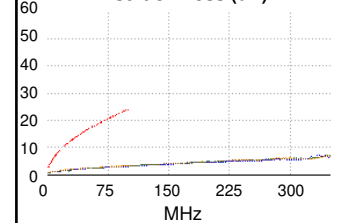


Wire Map (T568B)

PASS



Insertion Loss (dB)





Cable ID/ Test ID: 33

Test Limit: 1000BASE-T

Limits Version: V7.13

Date / Time: 07/10/2026 01:10:55 PM

Operator: ASSUTECH

Headroom 11.9 dB (NEXT 3,6-4,5)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 19500321

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000 (DSX-CHA004)

S/N: 4974118

Test Summary: PASS

Remote: Versiv

S/N: 19500016

Software Version: V7.0 Build 3

Calibration Date: 02/19/2026

Adapter: DSX-5000R (DSX-CHA004)

S/N: 4738029

Length (ft), Limit 328	[Pair 1,2]	44
Prop. Delay (ns), Limit 570	[Pair 7,8]	67
Delay Skew (ns), Limit 50	[Pair 7,8]	1
Resistance (ohms), Limit 25.00	[Pair 7,8]	6.77
Impedance (ohms), Limit 85-115	[Pair 3,6]	115
Insertion Loss Margin (dB)	[Pair 3,6]	20.8
Frequency (MHz)	[Pair 3,6]	100.0
Limit (dB)	[Pair 3,6]	24.0

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)	11.9	11.9	11.9	12.0
Freq. (MHz)	91.3	91.3	91.3	91.5
Limit (dB)	27.8	27.8	27.8	27.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-1,2	4,5-7,8	7,8-3,6	4,5-7,8
ACR-F (dB)	24.1	24.1	24.2	24.3
Freq. (MHz)	22.0	96.0	96.0	97.8
Limit (dB)	30.2	17.4	17.4	17.2
Worst Pair	4,5	4,5	4,5	7,8
PS ACR-F (dB)	22.9	22.8	23.4	23.1
Freq. (MHz)	64.0	22.0	100.0	96.0
Limit (dB)	18.3	27.6	14.4	14.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	1,2	1,2
RL (dB)	7.4	3.9	7.4	3.9
Freq. (MHz)	81.3	82.0	81.3	82.0
Limit (dB)	8.9	8.9	8.9	8.9

Compliant Network Standards:

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

