

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
CAT6AU/FTP0035	PASS	10GBASE-T	99.2 m	11.2 dB (NEXT)	10/09/2025 03:30 PM

Total Length:	99.2 m
Number of Reports:	1
Number of Passing Reports:	1
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



Cable ID: CAT6AU/FTP0035

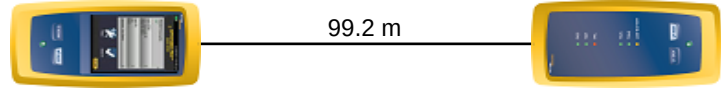
Date / Time: 10/09/2025 02:30:34 PM
Headroom 11.2 dB (NEXT 36-78) Test
Limit: 10GBASE-T
Cable Type: Cat 6A U/FTP
NVP: 74.0%

Operator: ENG.AHMED
Software Version: V6.5 Build 5
Limits Version: V7.5
Calibration Start Date:
Main (Module): 09/17/2023
Remote (Module): 09/17/2023

Test Summary: PASS

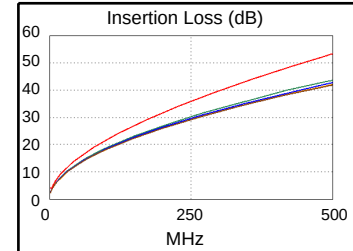
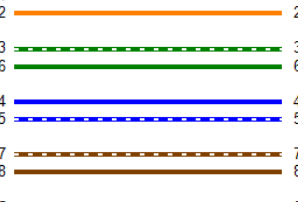
Model: DSX-8000
Main S/N: 1938690
Remote S/N: 1941069
Main Adapter: DSX-PLA804
Remote Adapter: DSX-PLA804

Length (m), Limit 100.0	[Pair 78]	99.2
Prop. Delay (ns), Limit 555	[Pair 45]	457
Delay Skew (ns), Limit 50	[Pair 36]	10
Resistance (ohms), Limit 25.00	[Pair 45]	14.50
Insertion Loss Margin (dB)	[Pair 36]	9.7
Frequency (MHz)	[Pair 36]	500.0
Limit (dB)	[Pair 36]	53.4



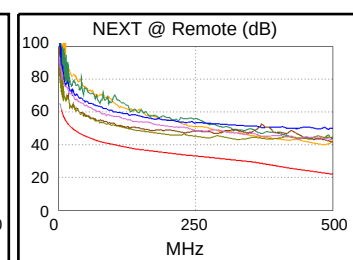
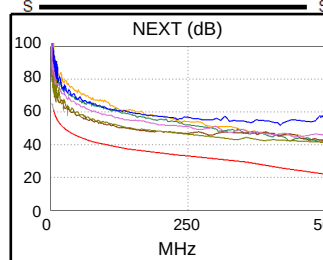
Wire Map (T568B)

PASS

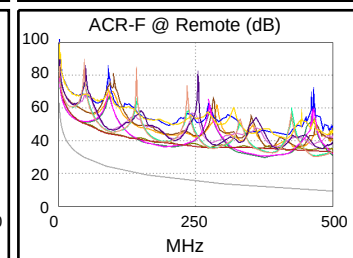
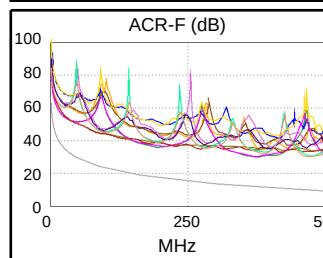


Worst Case Margin Worst Case Value

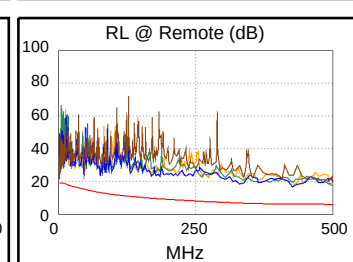
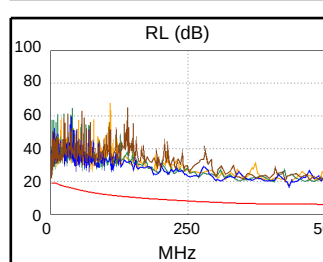
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-78	36-78	12-36
NEXT (dB)	11.9	11.2	19.1	16.4
Freq. (MHz)	73.8	210.5	494.0	469.0
Limit (dB)	42.2	34.4	22.2	23.4
Worst Pair	36	36	36	36
PS NEXT (dB)	12.2	11.5	16.8	16.5
Freq. (MHz)	156.5	130.5	497.0	489.0
Limit (dB)	33.7	35.1	20.5	20.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
ACR-F (dB)	18.1	17.8	18.1	17.9
Freq. (MHz)	376.0	371.0	376.0	376.0
Limit (dB)	11.8	11.9	11.8	11.8
Worst Pair	45	45	45	45
PS ACR-F (dB)	18.2	18.3	18.2	18.6
Freq. (MHz)	376.0	10.0	376.0	378.0
Limit (dB)	8.8	40.3	8.8	8.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	12	45	45
RL (dB)	7.7	8.5	10.5	10.6
Freq. (MHz)	2.6	2.6	435.0	427.0
Limit (dB)	19.0	19.0	6.0	6.0



Compliant Network Standards:

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

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
CAT6AU/UTP0068	PASS	TIA Cat 6A Channel	91.2 m	8.9 dB (NEXT)	10/09/2025 03:51 PM

Total Length:	91.2 m
Number of Reports:	1
Number of Passing Reports:	1
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



Cable ID: CAT6AU/UTP0068

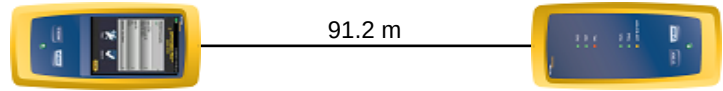
Date / Time: 10/09/2025 03:51:58 PM
Headroom 8.9 dB (NEXT 36-78) Test
Limit: TIA Cat 6A Channel Cable Type:
Cat 6A U/UTP
NVP: 68.2%

Operator: ENG.AHMED
Software Version: V6.5 Build 5
Limits Version: V7.5
Calibration Start Date:
Main (Module): 09/17/2023
Remote (Module): 09/17/2023

Test Summary: PASS

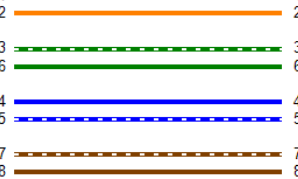
Model: DSX-8000
Main S/N: 1938690
Remote S/N: 1941069
Main Adapter: DSX-PLA804
Remote Adapter: DSX-PLA804

Length (m), Limit 100.0	[Pair 78]	91.2
Prop. Delay (ns), Limit 555	[Pair 36]	478
Delay Skew (ns), Limit 50	[Pair 36]	32
Resistance (ohms)	[Pair 36]	14.02
Insertion Loss Margin (dB)	[Pair 36]	8.8
Frequency (MHz)	[Pair 36]	500.0
Limit (dB)	[Pair 36]	49.3

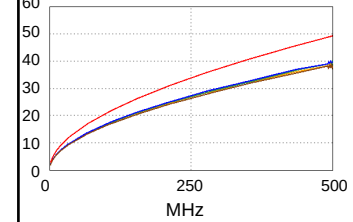


Wire Map (T568B)

PASS



Insertion Loss (dB)



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-78	36-45	12-36
NEXT (dB)	9.6	8.9	10.9	11.2
Freq. (MHz)	14.8	307.0	496.0	450.0
Limit (dB)	53.8	31.6	26.2	27.3
Worst Pair	45	45	36	36
PS NEXT (dB)	10.9	11.0	11.2	13.5
Freq. (MHz)	13.6	151.5	483.0	490.0
Limit (dB)	51.8	34.0	23.6	23.5

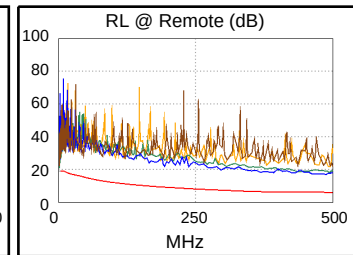
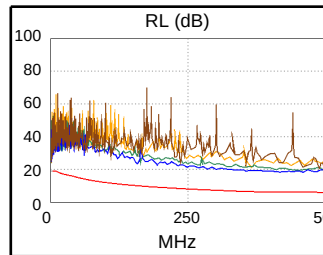
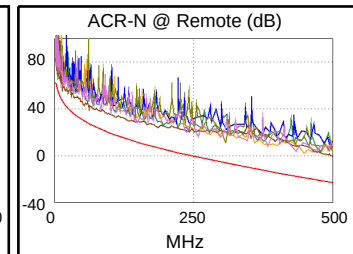
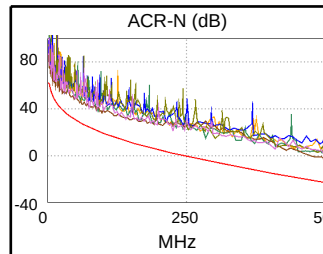
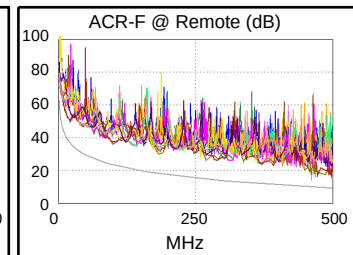
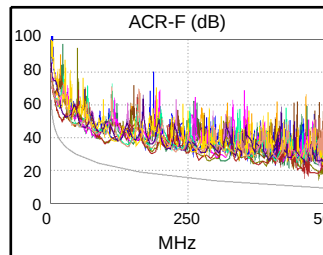
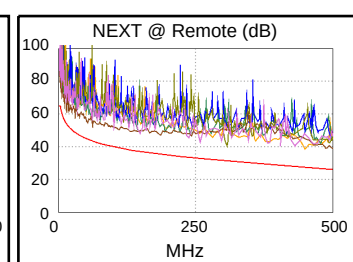
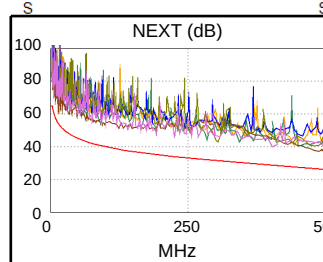
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	5.9	6.7	5.9	6.7
Freq. (MHz)	487.0	487.0	487.0	487.0
Limit (dB)	9.5	9.5	9.5	9.5
Worst Pair	45	36	45	36
PS ACR-F (dB)	8.2	9.0	8.2	9.2
Freq. (MHz)	487.0	487.0	487.0	497.0
Limit (dB)	6.5	6.5	6.5	6.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	11.0	11.6	20.0	22.6
Freq. (MHz)	14.8	10.3	496.0	500.0
Limit (dB)	46.0	49.8	-22.9	-23.2
Worst Pair	45	45	45	36
PS ACR-N (dB)	12.4	13.0	20.6	23.3
Freq. (MHz)	13.6	10.3	496.0	500.0
Limit (dB)	44.2	47.3	-25.8	-26.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	45	78	45	45
RL (dB)	12.1	10.2	12.1	10.9
Freq. (MHz)	461.0	3.6	461.0	489.0
Limit (dB)	6.0	19.0	6.0	6.0

Compliant Network Standards:

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



Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
ECAB - EU CAT6 149	PASS	TIA Cat 6 Channel	97.1 m	4.5 dB (NEXT)	11/04/2025 11:23 AM

Total Length:	97.1 m
Number of Reports:	1
Number of Passing Reports:	1
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



Cable ID: ECAB - EU CAT6 149

Date / Time: 11/04/2025 11:23:13 AM

Headroom 4.5 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 68.6%

Operator: ECAB

Software Version: V6.5 Build 5

Limits Version: V7.5

Calibration Start Date:

Main (Module): 03/17/2022

Remote (Module): 03/17/2022

Test Summary: PASS

Model: DSX-8000

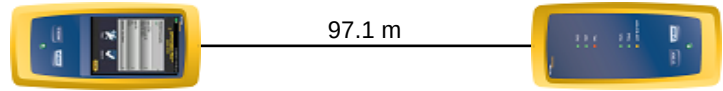
Main S/N: 1938690

Remote S/N: 1941069

Main Adapter: DSX-PLA804

Remote Adapter: DSX-PLA804

Length (m), Limit 100.0	[Pair 12]	97.1
Prop. Delay (ns), Limit 555	[Pair 45]	494
Delay Skew (ns), Limit 50	[Pair 45]	22
Resistance (ohms)	[Pair 45]	16.48
Insertion Loss Margin (dB)	[Pair 45]	7.0
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	35.9

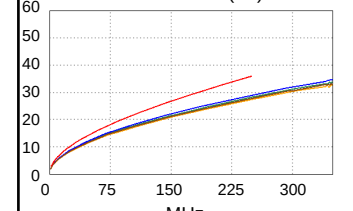


Wire Map (T568B)

PASS



Insertion Loss (dB)



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-78	12-36	36-78
NEXT (dB)	4.5	7.8	8.9	7.9
Freq. (MHz)	94.0	17.0	206.0	241.0
Limit (dB)	40.4	52.8	34.6	33.4
Worst Pair	12	12	12	78
PS NEXT (dB)	7.0	9.1	9.4	9.4
Freq. (MHz)	94.0	16.9	206.0	234.5
Limit (dB)	37.5	50.2	31.6	30.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	78-36	36-78
ACR-F (dB)	9.8	9.6	10.8	11.2
Freq. (MHz)	62.3	62.5	248.5	248.5
Limit (dB)	27.4	27.3	15.4	15.4
Worst Pair	78	78	36	78
PS ACR-F (dB)	11.5	10.8	12.1	10.8
Freq. (MHz)	54.8	212.0	248.5	212.0
Limit (dB)	25.5	13.7	12.4	13.7

N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-78	12-36	36-78
ACR-N (dB)	7.3	9.2	19.2	16.1
Freq. (MHz)	22.0	16.9	246.0	241.0
Limit (dB)	41.5	44.6	-2.4	-1.8
Worst Pair	12	12	36	36
PS ACR-N (dB)	8.9	10.7	19.0	17.7
Freq. (MHz)	21.9	16.9	245.5	241.0
Limit (dB)	38.9	41.9	-5.3	-4.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	12
RL (dB)	4.7	1.8	6.9	6.4
Freq. (MHz)	3.5	76.5	119.5	231.5
Limit (dB)	19.0	13.2	11.2	8.4

Compliant Network Standards:

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

