LINKWARE™ PC
CABLE TEST MANAGEMENT SOFTWARE

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

FLUKE networks

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

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

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

	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





















