LINKWARE™ PC
CABLE TEST MANAGEMENT SOFTWARE

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

FLUKE networks

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

LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: CAT6AU/FTP0035

Test Summary: PASS

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

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

	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

















