LINKWARE™PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: QST-2004 - Jack Cat6

Date / Time: 04/19/2026 02:24:58 PM
Headroom 4.7 dB (NEXT 12-45)
Test Limit: TIA Cat 6 Perm. Link
Cable Type: Cat 6 U/UTP
NVP: 69.0%

Operator: JL
Software Version: V6.6 Build 2
Limits Version: V7.6
Calibration Date:
Main (Module): 03/03/2026
Remote (Module): 03/03/2026

Test Summary: PASS

Model: DSX-8000
Main S/N: 1803073
Remote S/N: 1803186
Main Adapter: DSX-PLA804
Remote Adapter: DSX-PLA804

Length (ft), Limit 295	[Pair 78]	282
Prop. Delay (ns), Limit 498	[Pair 45]	437
Delay Skew (ns), Limit 44	[Pair 45]	21
Resistance (ohms)	[Pair 45]	12.51
Insertion Loss Margin (dB)	[Pair 45]	3.8
Frequency (MHz)	[Pair 45]	248.0
Limit (dB)	[Pair 45]	31.0

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-45	12-36	12-36
NEXT (dB)	5.9	4.7	7.1	6.5
Freq. (MHz)	16.8	123.5	250.0	250.0
Limit (dB)	54.3	40.4	35.3	35.3
Worst Pair	12	12	36	12
PS NEXT (dB)	6.5	5.4	7.4	6.8
Freq. (MHz)	16.5	123.5	250.0	244.5
Limit (dB)	52.0	37.8	32.7	32.9

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	4.6	4.5	4.6	4.5
Freq. (MHz)	242.0	242.0	242.0	242.0
Limit (dB)	16.5	16.5	16.5	16.5
Worst Pair	12	36	36	36
PS ACR-F (dB)	6.6	5.3	7.0	5.3
Freq. (MHz)	195.5	234.5	242.5	234.5
Limit (dB)	15.4	13.8	13.5	13.8

N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-36	12-36
ACR-N (dB)	7.0	6.2	11.2	10.6
Freq. (MHz)	16.8	13.8	250.0	250.0
Limit (dB)	47.1	49.1	4.2	4.2
Worst Pair	12	12	36	12
PS ACR-N (dB)	7.4	6.4	11.5	11.7
Freq. (MHz)	16.5	13.8	250.0	244.5
Limit (dB)	44.9	46.8	1.6	2.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	12	45
RL (dB)	7.2	7.0	11.5	9.0
Freq. (MHz)	5.1	6.1	223.0	230.0
Limit (dB)	21.0	21.0	10.5	10.4

Compliant Network Standards:

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





















