

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
KX_1007 CAT.7	PASS*	TIA Cat 6A Perm. Link	279 ft	3.8 dB (NEXT)	02/18/2025 04:13 PM

Total Length:	279 ft
Number of Reports:	1
Number of Passing Reports:	1
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



Cable ID: KX_1007 CAT.7

Date / Time: 02/18/2025 04:13:31 PM

Headroom 3.8 dB (NEXT 1,2-3,6)

Test Limit: TIA Cat 6A Perm. Link

Cable Type: Cat 6A S/FTP

NVP: 77.0%

Software Version: V6.6 Build 2

Limits Version: V7.6

Calibration Date:

Main (Module): 10/17/2024

Remote (Module): 10/17/2024

Test Summary: PASS

Model: DSX-8000

Main S/N: 1926047

Remote S/N: 1926046

Main Adapter: DSX-PLA804

Remote Adapter: DSX-PLA804

Length (ft), Limit 295	[Pair 7,8]	279
Prop. Delay (ns), Limit 498	[Pair 4,5]	373
Delay Skew (ns), Limit 44	[Pair 4,5]	5
Resistance (ohms)	[Pair 1,2]	13.60
Insertion Loss Margin (dB)	[Pair 7,8]	6.1
Frequency (MHz)	[Pair 7,8]	500.0
Limit (dB)	[Pair 7,8]	43.8

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	3.8	5.7	7.5	6.2
Freq. (MHz)	303.0	95.8	488.0	498.0
Limit (dB)	33.9	42.1	27.0	26.7
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	3.1	5.9	6.1	7.4
Freq. (MHz)	319.0	148.5	459.0	499.0
Limit (dB)	30.5	36.5	25.0	23.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-1,2	1,2-3,6
ACR-F (dB)	10.6	10.6	12.0	11.4
Freq. (MHz)	4.8	4.5	500.0	500.0
Limit (dB)	50.7	51.1	10.2	10.2
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	11.0	10.9	13.3	12.3
Freq. (MHz)	43.8	95.0	500.0	500.0
Limit (dB)	28.4	21.6	7.2	7.2

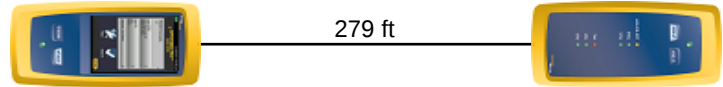
N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-4,5	1,2-3,6	3,6-4,5
ACR-N (dB)	9.0	8.4	15.2	13.7
Freq. (MHz)	45.5	36.3	500.0	498.0
Limit (dB)	35.5	38.4	-17.1	-16.9
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	8.6	8.5	14.8	14.5
Freq. (MHz)	274.0	37.8	500.0	499.0
Limit (dB)	1.0	35.4	-20.0	-19.9

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	3,6	1,2	7,8
RL (dB)	2.6	1.1*	8.7	6.7
Freq. (MHz)	4.5	4.5	442.0	446.0
Limit (dB)	21.0	21.0	8.0	8.0

Compliant Network Standards:

10BASE-T
100BASE-T
10GBASE-T
ATM-155
TR-16 Active

100BASE-T4
5GBASE-T
ATM-51
TR-4

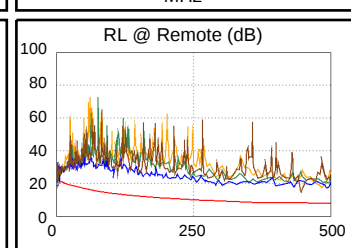
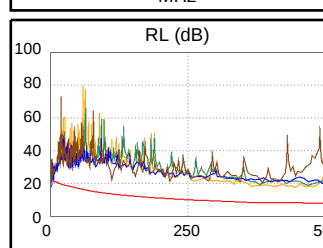
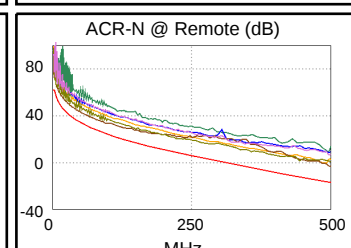
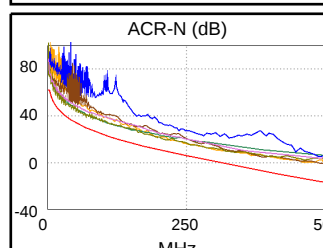
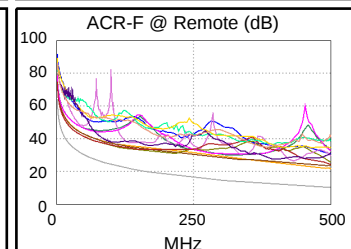
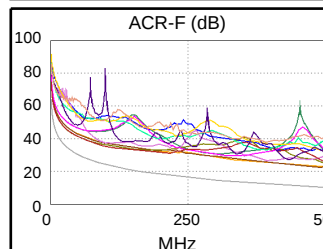
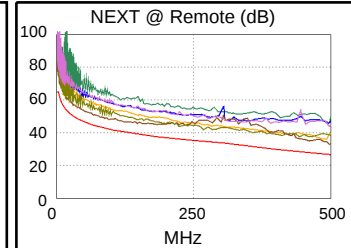
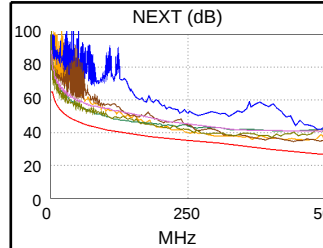
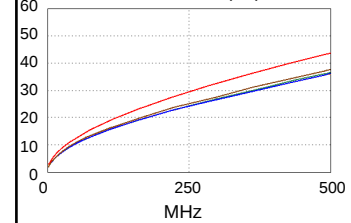


Wire Map (T568B)

PASS



Insertion Loss (dB)



* Measurement is within the accuracy limits of the instrument.