



Cable ID: 5027

Date / Time: 06/12/2022 07:24:48 PM

Headroom 4.3 dB (NEXT 1,2-7,8)

Test Limit: GB/T 50312-2016 Cat 6 PL (+All)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Software Version: V6.5 Build 5

Limits Version: V7.5

Calibration Start Date:

Main (Module): 06/22/2020

Remote (Module): 06/23/2020

Test Summary: PASS

Model: DSX-8000

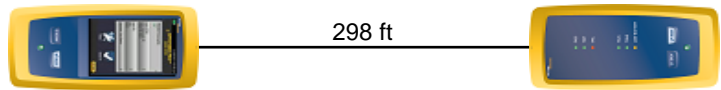
Main S/N: 2007014

Remote S/N: 2007006

Main Adapter: DSX-PLA804

Remote Adapter: DSX-PLA804

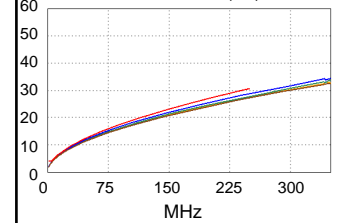
Length (ft), Limit 295	[Pair 7,8]	298
Prop. Delay (ns), Limit 498	[Pair 4,5]	451
Delay Skew (ns), Limit 44	[Pair 4,5]	12
Resistance (ohms), Limit 21.00	[Pair 4,5]	13.88
Resist. Unbal. (ohms), Limit 0.420	[Pair 4,5]	0.031
Resist. P2P Unbal. (ohms), Limit 0.480	[Pair 4,5-7,8]	0.093
Insertion Loss Margin (dB)	[Pair 4,5]	2.0
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	30.7



Wire Map (T568B)

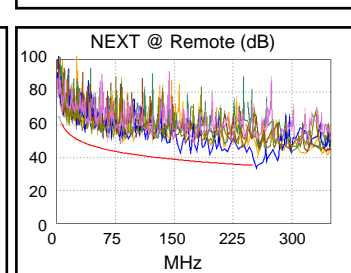
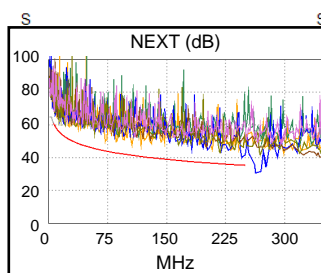


Insertion Loss (dB)

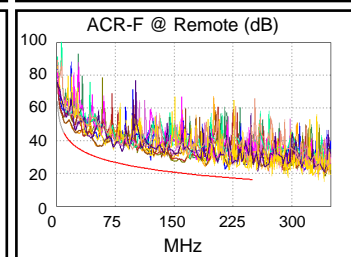
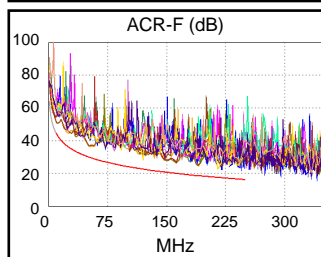


Worst Case Margin Worst Case Value

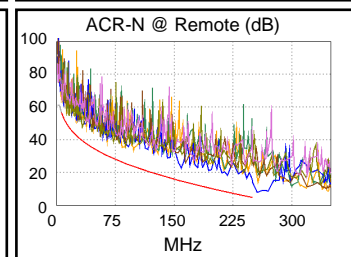
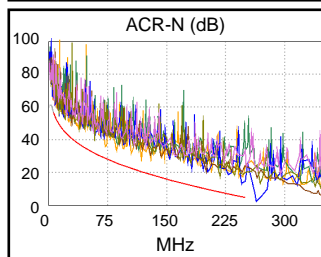
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	1,2-7,8	1,2-7,8
NEXT (dB)	4.4	4.3	4.4	5.8
Freq. (MHz)	246.0	158.5	246.0	250.0
Limit (dB)	35.5	38.6	35.5	35.3
Worst Pair	1,2	7,8	1,2	1,2
PS NEXT (dB)	5.7	6.2	5.7	7.8
Freq. (MHz)	246.0	13.1	246.0	250.0
Limit (dB)	32.8	53.6	32.8	32.7



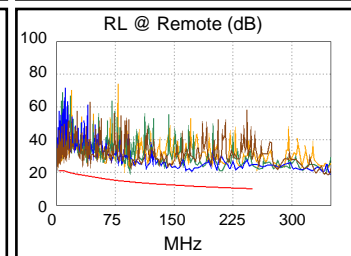
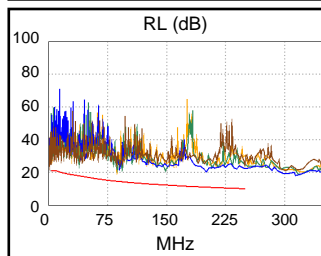
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	7,8-1,2	1,2-7,8	7,8-1,2
ACR-F (dB)	5.3	5.0	5.3	5.0
Freq. (MHz)	220.5	220.0	220.5	220.0
Limit (dB)	17.3	17.3	17.3	17.3
Worst Pair	1,2	1,2	1,2	1,2
PS ACR-F (dB)	6.8	6.3	6.8	6.3
Freq. (MHz)	217.5	220.0	217.5	220.0
Limit (dB)	14.4	14.3	14.4	14.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	3,6-7,8	1,2-7,8	1,2-7,8
ACR-N (dB)	6.8	6.7	7.9	9.2
Freq. (MHz)	7.9	13.1	246.0	250.0
Limit (dB)	54.5	49.6	5.1	4.7
Worst Pair	7,8	7,8	1,2	1,2
PS ACR-N (dB)	6.4	6.8	9.0	11.3
Freq. (MHz)	7.5	13.1	246.0	250.0
Limit (dB)	52.6	47.2	2.4	2.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	3,6	1,2	3,6
RL (dB)	5.2	6.0	5.2	6.0
Freq. (MHz)	87.0	93.5	87.0	93.5
Limit (dB)	14.6	14.3	14.6	14.3



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



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Test Limit: GB/T 50312-2016 Cat 6 PL (+All)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Software Version: V6.5 Build 5

Limits Version: V7.5

Calibration Start Date:

Main (Module): 06/22/2020

Remote (Module): 06/23/2020

Test Summary: PASS

Model: DSX-8000

Main S/N: 2007014

Remote S/N: 2007006

Main Adapter: DSX-PLA804

Remote Adapter: DSX-PLA804

	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	1,2	1,2	4,5	4,5
TCL (dB)	11.0	8.8	15.8	14.5
Freq. (MHz)	14.5	10.1	205.0	212.0
Limit (dB)	35.6	37.9	14.1	13.8
N/A				
Worst Pair			7,8-3,6	7,8-3,6
CDNEXT (dB)			21.0	21.0
Freq. (MHz)			327.0	332.0
Limit (dB)				
N/A				
Worst Pair			3,6	3,6
CMRL (dB)			3.7	3.7
Freq. (MHz)			1.8	1.8
Limit (dB)				
PASS				
Worst Pair	1,2	1,2	1,2	1,2
ELTCTL (dB)	24.8	24.9	28.8	28.3
Freq. (MHz)	8.3	7.0	20.4	20.4
Limit (dB)	11.7	13.1	3.8	3.8

