



Cable ID: NCN-P1C6U-025CBL

Date / Time: 10/21/2024 09:39:07 AM

Headroom 17.4 dB (NEXT 36-45)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 71.0%

Operator: WLQ

Software Version: V6.6 Build 2

Limits Version: V7.6

Calibration Date:

Main (Module): 06/30/2020

Remote (Module): 06/30/2020

Test Summary: PASS

Model: DSX-8000

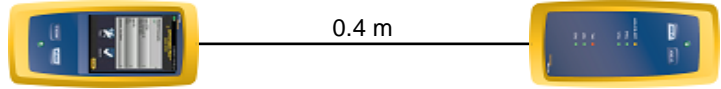
Main S/N: 1903179

Remote S/N: 1852211

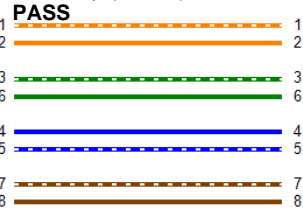
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

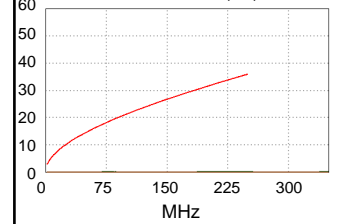
Length (m), Limit 100.0	[Pair 45]	0.4
Prop. Delay (ns), Limit 555	[Pair 12]	3
Delay Skew (ns), Limit 50	[Pair 12]	1
Resistance (ohms)	[Pair 12]	0.16
Insertion Loss Margin (dB)	[Pair 36]	35.8
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9



Wire Map (T568B)

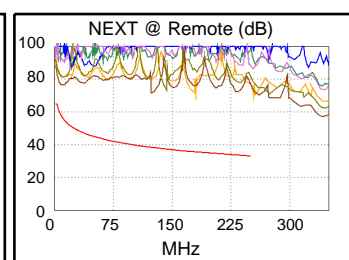
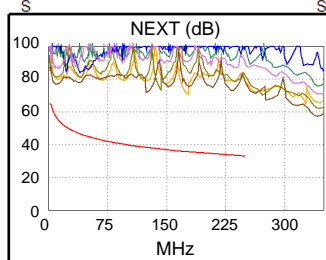


Insertion Loss (dB)

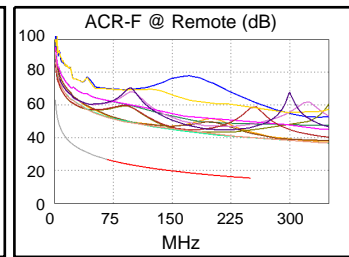
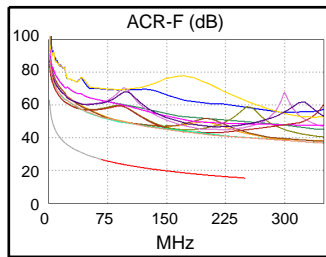


Worst Case Margin Worst Case Value

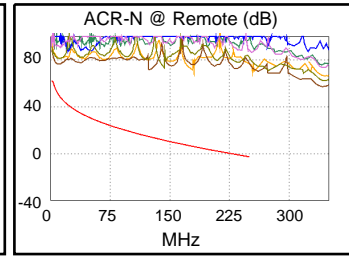
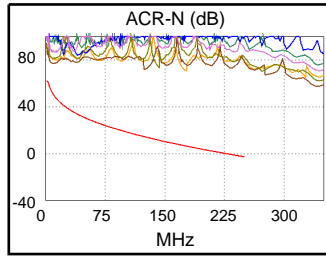
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-36	12-36
NEXT (dB)	17.8	17.4	35.1	35.5
Freq. (MHz)	5.1	5.0	177.5	180.5
Limit (dB)	61.3	61.5	35.7	35.5
Worst Pair	36	36	36	36
PS NEXT (dB)	18.1	18.0	36.6	37.2
Freq. (MHz)	5.1	5.0	177.5	180.5
Limit (dB)	58.8	59.0	32.8	32.6



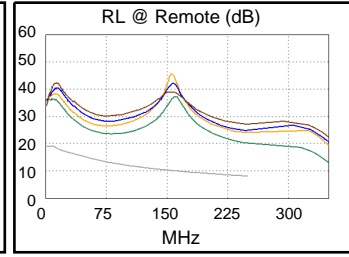
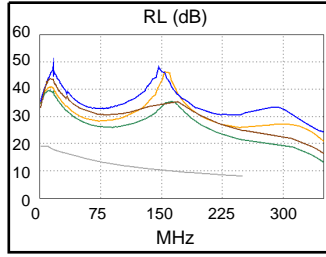
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	78-45
ACR-F (dB)	24.4	24.4	24.4	24.4
Freq. (MHz)	250.0	248.5	250.0	250.0
Limit (dB)	15.3	15.4	15.3	15.3
Worst Pair	36	36	78	45
PS ACR-F (dB)	22.8	22.6	26.5	25.8
Freq. (MHz)	1.1	1.0	250.0	250.0
Limit (dB)	59.2	60.3	12.3	12.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-36	12-36
ACR-N (dB)	22.3	21.5	64.6	65.2
Freq. (MHz)	5.1	3.4	177.5	180.5
Limit (dB)	56.8	60.5	6.2	5.8
Worst Pair	36	36	36	36
PS ACR-N (dB)	22.7	21.7	66.1	66.9
Freq. (MHz)	5.1	3.4	177.5	180.5
Limit (dB)	54.2	58.0	3.3	2.9



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	12.7	10.2	13.4	12.1
Freq. (MHz)	68.3	71.5	250.0	249.5
Limit (dB)	13.7	13.5	8.0	8.0



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		