



Cable ID: Cat.6A UTP

Date / Time: 05/17/2022 13:49:18

Headroom 4.5 dB (NEXT 36-45)

Test Limit: ISO11801 PL2 Class Ea

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Software Version: V6.1 Build 3

Limits Version: V7.1

Calibration Start Date:

Main (Module): 12/01/2021

Remote (Module): 12/01/2021

Test Summary: PASS

Model: DSX-8000

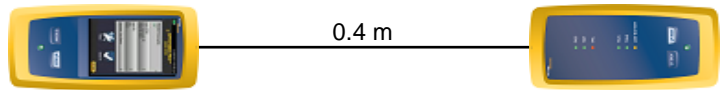
Main S/N: 1820424

Remote S/N: 1820428

Main Adapter: DSX-PLA804

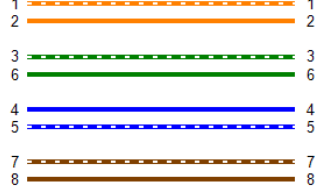
Remote Adapter: DSX-PLA804

Length (m), Limit 90.0	[Pair 12]	0.4
Prop. Delay (ns), Limit 496	[Pair 12]	2
Delay Skew (ns), Limit 43	[Pair 12]	0
Resistance (ohms), Limit 20.60	[Pair 36]	0.25
Insertion Loss Margin (dB)	[Pair 78]	34.8
Frequency (MHz)	[Pair 78]	500.0
Limit (dB)	[Pair 78]	41.6

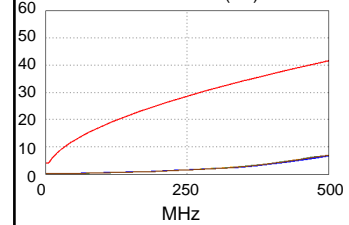


Wire Map (T568B)

PASS

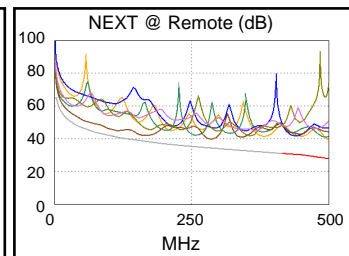
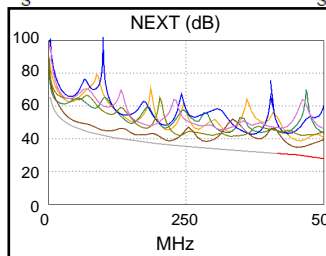


Insertion Loss (dB)

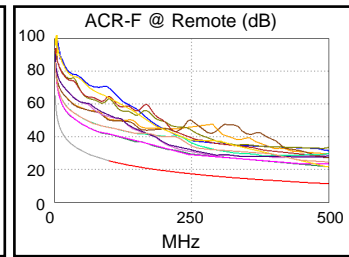
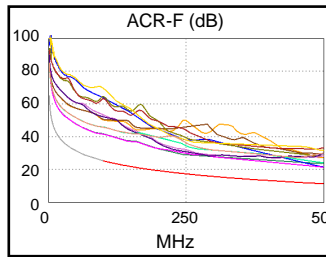


Worst Case Margin Worst Case Value

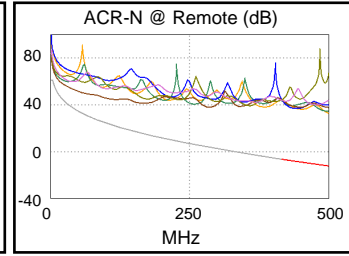
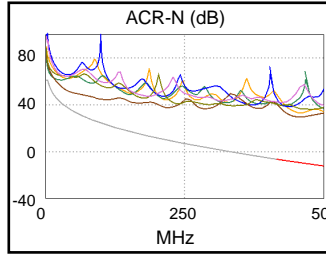
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-36	36-45	12-36
NEXT (dB)	4.5	11.2	4.8	11.6
Freq. (MHz)	451.0	449.0	457.0	500.0
Limit (dB)	30.2	30.3	29.9	27.8
Worst Pair	36	12	36	12
PS NEXT (dB)	5.4	10.1	5.6	11.8
Freq. (MHz)	451.0	439.0	457.0	500.0
Limit (dB)	27.4	27.7	27.1	25.0



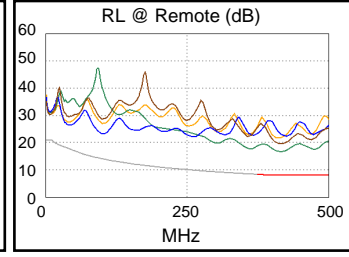
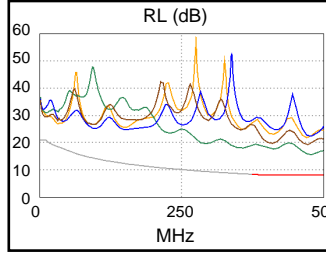
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-12	12-45	12-78	12-45
ACR-F (dB)	9.8	10.2	10.1	10.2
Freq. (MHz)	454.0	500.0	500.0	500.0
Limit (dB)	12.1	11.3	11.3	11.3
Worst Pair	78	12	78	12
PS ACR-F (dB)	10.7	10.4	10.7	10.4
Freq. (MHz)	500.0	500.0	500.0	500.0
Limit (dB)	8.3	8.3	8.3	8.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-78	36-45	12-36
ACR-N (dB)	38.8	45.0	39.1	45.1
Freq. (MHz)	452.0	438.0	458.0	500.0
Limit (dB)	-9.2	-8.2	-9.6	-12.4
Worst Pair	36	12	36	12
PS ACR-N (dB)	39.3	43.8	39.8	45.4
Freq. (MHz)	455.0	439.0	463.0	500.0
Limit (dB)	-12.2	-11.1	-12.8	-15.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	7.5	8.5	7.5	8.5
Freq. (MHz)	480.0	415.0	480.0	415.0
Limit (dB)	8.0	8.0	8.0	8.0



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