



Cable ID: CAT7 SFTP

Date / Time: 07/20/2020 09:43:53 PM

Headroom 7.3 dB (NEXT 36-78)

Test Limit: TIA Cat 7 Perm. Link

Cable Type: Cat 7 S/FTP

NVP: 78.0%

Software Version: V5.5 Build 2

Limits Version: V6.3

Calibration Start Date:

Main (Module): 07/20/2020

Remote (Module): 07/20/2020

Test Summary: PASS

Model: DSX-8000

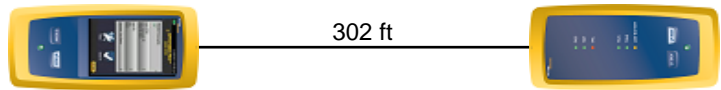
Main S/N: 1803188

Remote S/N: 1803189

Main Adapter: DSX-PLA004

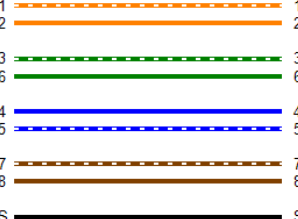
Remote Adapter: DSX-PLA004

Length (ft), Limit 295	[Pair 78]	302
Prop. Delay (ns), Limit 498	[Pair 45]	396
Delay Skew (ns), Limit 44	[Pair 45]	3
Resistance (ohms)	[Pair 45]	13.00
Insertion Loss Margin (dB)	[Pair 12]	2.5
Frequency (MHz)	[Pair 12]	500.0
Limit (dB)	[Pair 12]	43.8

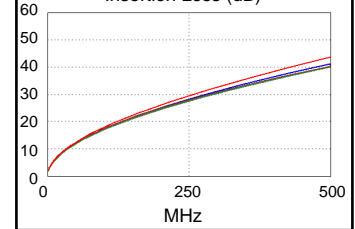


Wire Map (T568B)

PASS

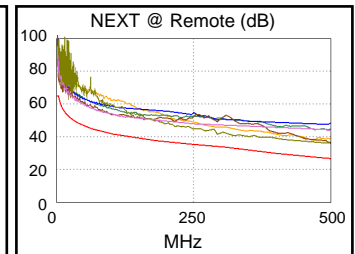
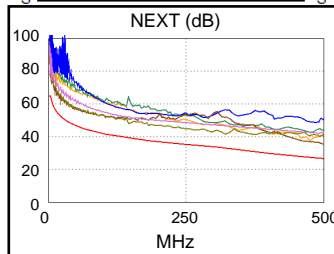


Insertion Loss (dB)

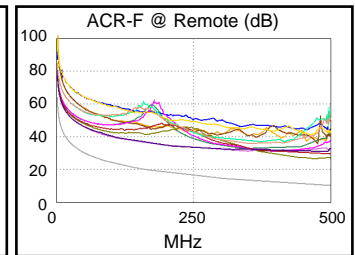
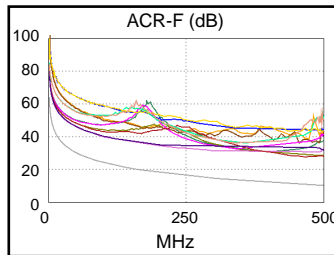


Worst Case Margin Worst Case Value

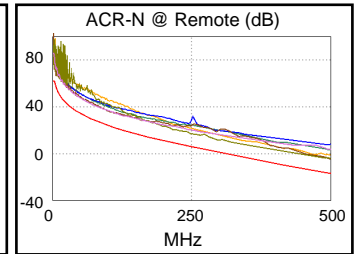
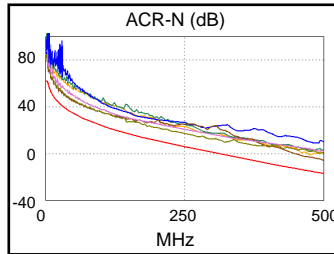
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	36-78
NEXT (dB)	8.6	7.3	8.7	9.3
Freq. (MHz)	322.0	294.0	500.0	500.0
Limit (dB)	33.0	34.2	26.7	26.7
Worst Pair	36	36	36	36
PS NEXT (dB)	8.9	7.8	9.0	8.3
Freq. (MHz)	103.5	465.0	476.0	500.0
Limit (dB)	39.1	24.8	24.5	23.8



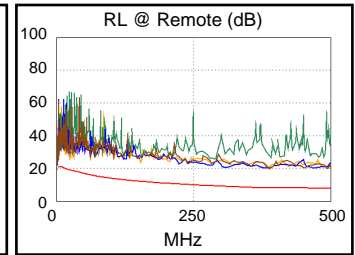
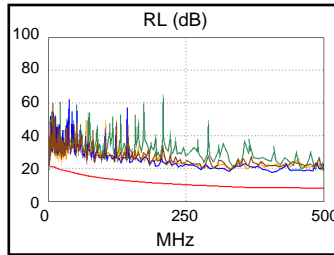
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	45-36	36-45
ACR-F (dB)	15.5	15.5	16.7	15.8
Freq. (MHz)	26.9	90.5	467.0	474.0
Limit (dB)	35.6	25.1	10.8	10.7
Worst Pair	36	45	36	45
PS ACR-F (dB)	16.0	16.2	18.2	18.0
Freq. (MHz)	1.4	1.5	466.0	464.0
Limit (dB)	58.4	57.7	7.8	7.9



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	36-45
ACR-N (dB)	9.5	9.1	11.3	12.4
Freq. (MHz)	145.0	294.0	500.0	500.0
Limit (dB)	17.3	1.9	-17.1	-17.1
Worst Pair	36	36	45	36
PS ACR-N (dB)	9.7	10.3	12.8	12.0
Freq. (MHz)	38.3	293.0	500.0	500.0
Limit (dB)	35.2	-0.7	-20.0	-20.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	36	45	45
RL (dB)	6.1	7.7	9.5	10.9
Freq. (MHz)	23.6	4.1	406.0	384.0
Limit (dB)	19.1	21.0	8.0	8.2



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