



Cable ID: E.CON- CAT6- UTP- PL-90m

Date / Time: 08/14/2022 10:45:00 AM

Headroom 4.9 dB (NEXT 3,6-7,8)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: SIMPACT

Software Version: V6.7 Build 1

Limits Version: V7.6

Calibration Start Date:

Main (Module): 06/10/2022

Remote (Module): 06/07/2022

Test Summary: PASS

Model: DSX-8000

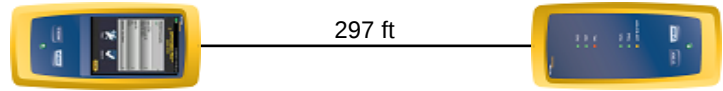
Main S/N: 1737205

Remote S/N: 1737289

Main Adapter: DSX-PLA804

Remote Adapter: DSX-PLA804

Length (ft), Limit 295	[Pair 4,5]	297
Prop. Delay (ns), Limit 498	[Pair 1,2]	456
Delay Skew (ns), Limit 44	[Pair 1,2]	18
Resistance (ohms)	[Pair 1,2]	14.30
Insertion Loss Margin (dB)	[Pair 4,5]	2.7
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	31.1

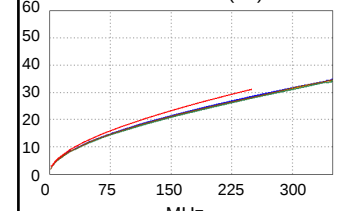


Wire Map (T568B)

PASS

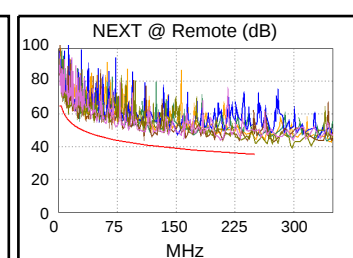
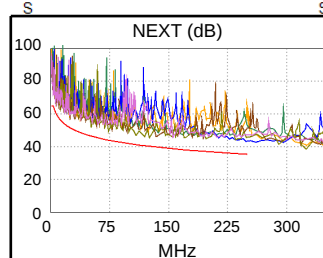


Insertion Loss (dB)

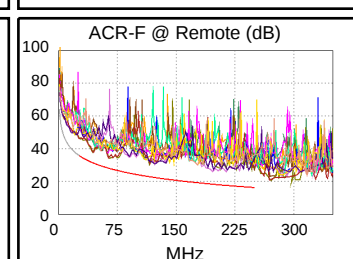
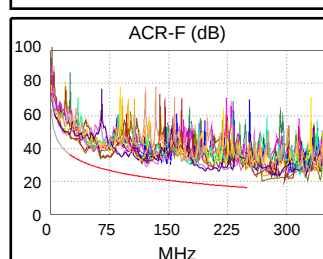


Worst Case Margin Worst Case Value

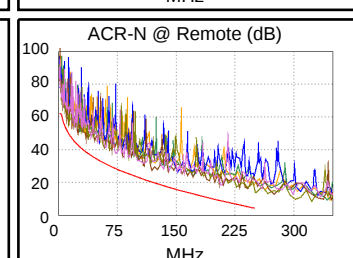
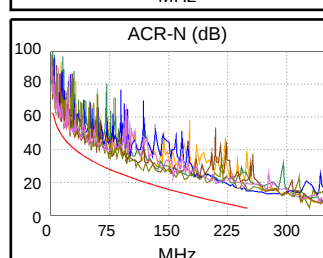
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-4,5	1,2-7,8	3,6-4,5
NEXT (dB)	4.9	5.3	7.8	7.5
Freq. (MHz)	117.0	109.0	249.0	240.0
Limit (dB)	40.7	41.2	35.4	35.6
Worst Pair	3,6	4,5	7,8	3,6
PS NEXT (dB)	5.4	5.4	6.5	7.3
Freq. (MHz)	73.8	109.0	236.0	242.0
Limit (dB)	41.5	38.7	33.1	32.9



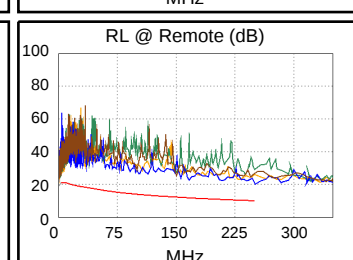
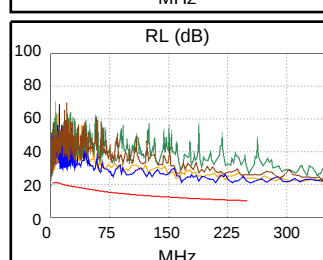
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	7,8-3,6	3,6-7,8
ACR-F (dB)	5.8	6.0	8.5	8.0
Freq. (MHz)	64.0	64.8	214.5	214.5
Limit (dB)	28.1	28.0	17.6	17.6
Worst Pair	4,5	4,5	3,6	1,2
PS ACR-F (dB)	6.9	7.5	9.7	11.5
Freq. (MHz)	63.5	64.0	214.0	250.0
Limit (dB)	25.1	25.1	14.6	13.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-4,5	1,2-7,8	3,6-7,8
ACR-N (dB)	6.6	5.8	10.7	10.9
Freq. (MHz)	117.0	103.0	249.0	250.0
Limit (dB)	20.5	52.0	4.3	4.2
Worst Pair	4,5	4,5	7,8	3,6
PS ACR-N (dB)	6.9	6.4	10.5	11.3
Freq. (MHz)	6.6	10.3	250.0	250.0
Limit (dB)	53.8	49.7	1.6	1.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	4,5	4,5
RL (dB)	9.3	7.0	10.7	10.9
Freq. (MHz)	3.6	3.5	231.0	250.0
Limit (dB)	21.0	21.0	10.4	10.0



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		

