



Cable ID: DS-1LN6-UE-W

Date / Time: 10/16/2018 04:11:39 PM

Headroom 5.0 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: JSK

Software Version: V5.5 Build 2

Limits Version: V6.3

Calibration Date:

Main (Module): 07/06/2018

Remote (Module): 07/06/2018

Test Summary: PASS

Model: DSX-5000

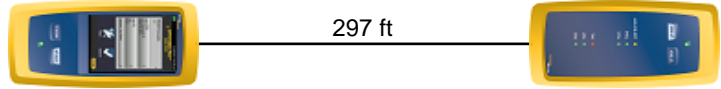
Main S/N: 3716097

Remote S/N: 3759055

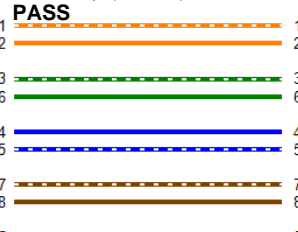
Main Adapter: DSX-PLA004

Remote Adapter: DSX-PLA004

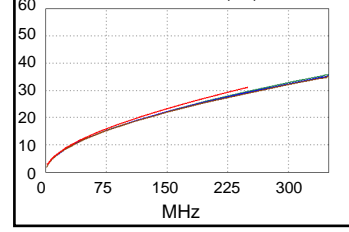
Length (ft), Limit 295	[Pair 78]	297
Prop. Delay (ns), Limit 498	[Pair 45]	466
Delay Skew (ns), Limit 44	[Pair 45]	28
Resistance (ohms)	[Pair 45]	15.04
Insertion Loss Margin (dB)	[Pair 36]	1.5
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	31.1



Wire Map (T568B)

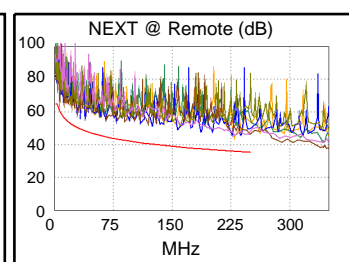
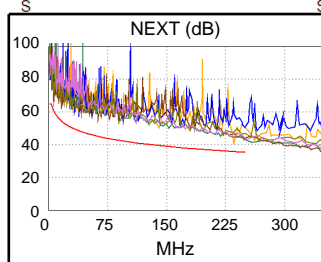


Insertion Loss (dB)

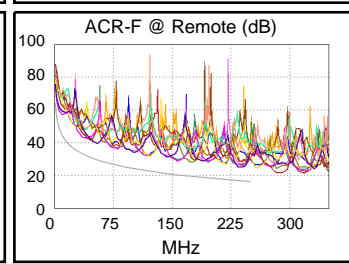
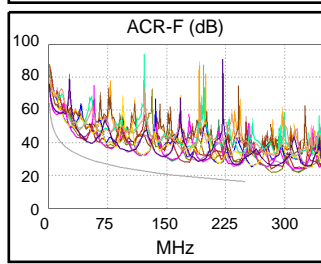


Worst Case Margin Worst Case Value

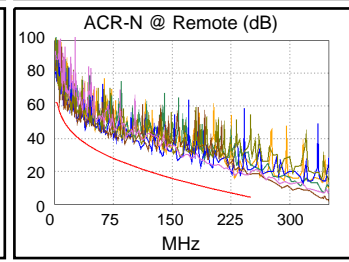
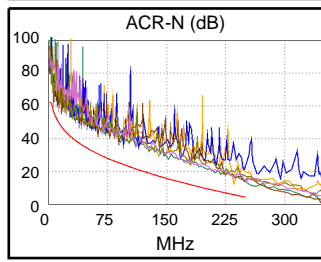
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-45	12-36	12-36
NEXT (dB)	5.0	5.4	5.0	8.0
Freq. (MHz)	235.5	6.5	235.5	229.5
Limit (dB)	35.8	60.8	35.8	35.9
Worst Pair	36	36	45	45
PS NEXT (dB)	6.1	7.1	6.1	10.1
Freq. (MHz)	235.5	6.5	249.5	245.5
Limit (dB)	33.1	58.5	32.7	32.8



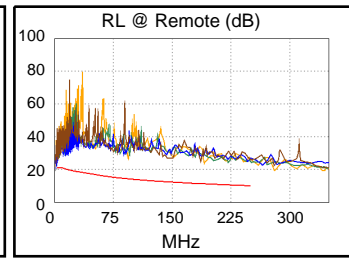
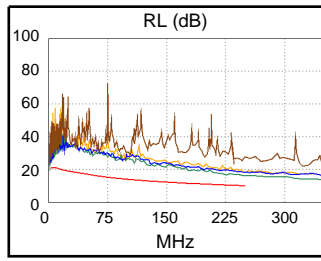
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	78-36	36-78	78-36
ACR-F (dB)	8.5	8.1	8.7	8.2
Freq. (MHz)	158.0	235.5	240.5	240.5
Limit (dB)	20.2	16.7	16.6	16.6
Worst Pair	12	12	45	36
PS ACR-F (dB)	9.5	9.4	10.5	9.5
Freq. (MHz)	119.5	120.0	240.0	235.5
Limit (dB)	19.6	19.6	13.6	13.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-36	45-78
ACR-N (dB)	5.8	5.7	6.5	11.1
Freq. (MHz)	6.5	6.5	235.5	246.0
Limit (dB)	56.3	56.3	5.7	4.6
Worst Pair	36	36	45	45
PS ACR-N (dB)	6.9	7.4	7.9	12.0
Freq. (MHz)	6.5	6.6	250.0	246.0
Limit (dB)	54.0	53.8	1.6	2.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	45	36	12
RL (dB)	6.0	6.3	6.2	12.5
Freq. (MHz)	3.5	3.5	250.0	191.5
Limit (dB)	21.0	21.0	10.0	11.2



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		