



**Cable ID: 006**

Date / Time: 10/01/2017 08:51:36 AM

Headroom 3.7 dB (NEXT 36-78)

Test Limit: TIA Cat 6A Perm. Link

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Software Version: V5.0 Build 3

Limits Version: V5.0

Calibration Date:

Main (Module): 10/15/2014

Remote (Module): 10/15/2014

**Test Summary: PASS**

Model: DSX-5000

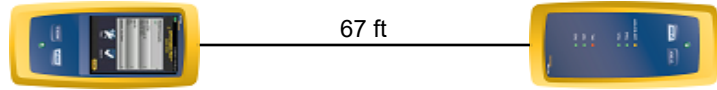
Main S/N: 2849136

Remote S/N: 2849128

Main Adapter: DSX-PLA004

Remote Adapter: DSX-PLA004

Length (ft), Limit 295	[Pair 12]	67
Prop. Delay (ns), Limit 498	[Pair 45]	104
Delay Skew (ns), Limit 44	[Pair 45]	4
Resistance (ohms)	[Pair 36]	3.03
Insertion Loss Margin (dB)	[Pair 45]	33.8
Frequency (MHz)	[Pair 45]	500.0
Limit (dB)	[Pair 45]	43.8

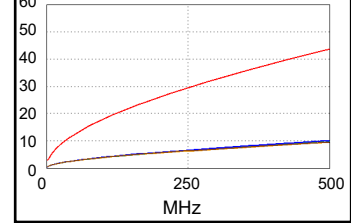


Wire Map (T568B)

**PASS**

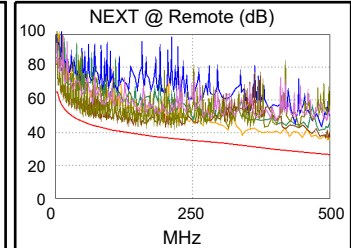
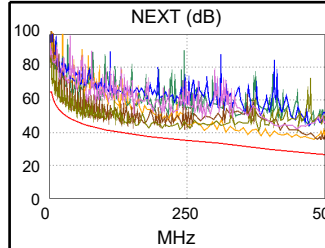


Insertion Loss (dB)

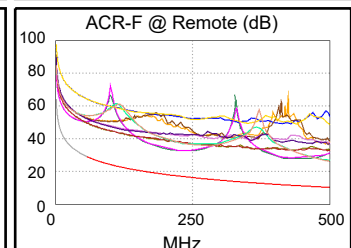
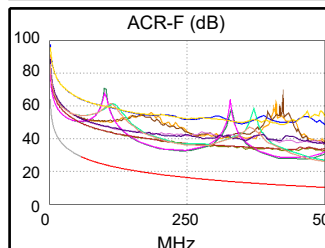


Worst Case Margin Worst Case Value

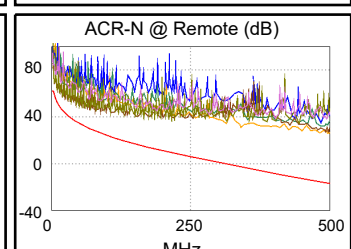
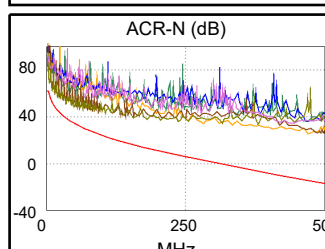
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-78	36-78	12-36	12-36
<b>NEXT (dB)</b>	3.7	4.7	7.5	8.8
Freq. (MHz)	50.0	50.0	470.0	500.0
Limit (dB)	46.7	46.7	27.5	26.7
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	4.5	5.1	9.2	9.5
Freq. (MHz)	49.5	44.5	487.0	497.0
Limit (dB)	44.3	45.1	24.2	23.8



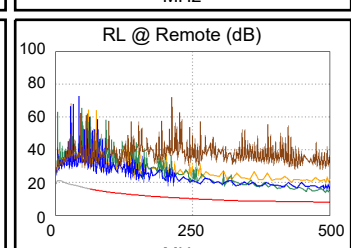
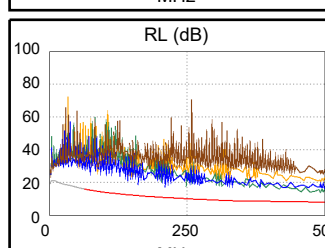
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-45	12-45	78-45	78-45
<b>ACR-F (dB)</b>	15.2	15.4	16.0	16.1
Freq. (MHz)	219.5	219.5	500.0	500.0
Limit (dB)	17.4	17.4	10.2	10.2
Worst Pair	45	45	45	45
<b>PS ACR-F (dB)</b>	16.2	16.4	16.6	17.1
Freq. (MHz)	230.0	232.5	489.0	496.0
Limit (dB)	14.0	13.9	7.4	7.3



	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	36-45	36-45	12-36	12-36
<b>ACR-N (dB)</b>	10.2	10.0	40.0	42.7
Freq. (MHz)	4.8	5.0	470.0	500.0
Limit (dB)	59.1	58.6	-14.7	-17.1
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	9.6	9.5	42.4	43.1
Freq. (MHz)	4.8	5.0	487.0	497.0
Limit (dB)	56.8	56.3	-18.9	-19.7



	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36	36	36	36
<b>RL (dB)</b>	5.4	5.7	5.4	5.7
Freq. (MHz)	487.0	487.0	487.0	487.0
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