



**Cable ID: CAT6 : WP-CAT6-PP-24 Patch Panel - 100M NST-CAT6-1000-BLK**

**Test Summary: PASS**

Date / Time: 03/19/2019 03:17:33 PM

Operator: VERNON FURR

Model: DSX-8000

Headroom 7.6 dB (NEXT 36-45)

Software Version: V6.1 Build 3

Main S/N: 1830042

Test Limit: TIA Cat 6 Perm. Link (+All)

Limits Version: V7.1

Remote S/N: 1830132

Cable Type: Cat 6 U/UTP

Calibration Start Date:

Main Adapter: DSX-PLA804

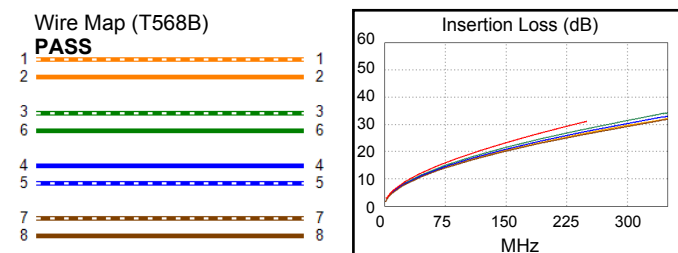
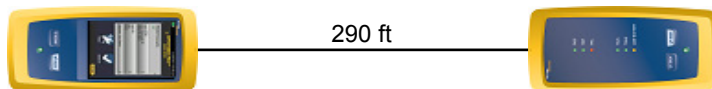
NVP: 69.0%

Main (Module): 09/17/2018

Remote Adapter: DSX-PLA804

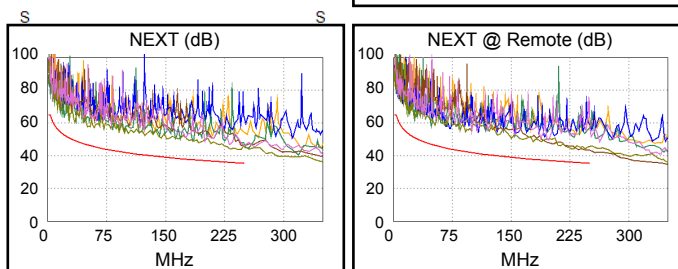
Remote (Module): 09/17/2018

Length (ft), Limit 295	[Pair 78]	290
Prop. Delay (ns), Limit 498	[Pair 36]	449
Delay Skew (ns), Limit 44	[Pair 36]	21
Resistance (ohms), Limit 21.00	[Pair 36]	13.88
Resist. Unbal. (ohms), Limit 0.410	[Pair 78]	0.098
Resist. P2P Unbal. (ohms), Limit 0.480	[Pair 12-36]	0.074
Insertion Loss Margin (dB)	[Pair 36]	2.7
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	31.1

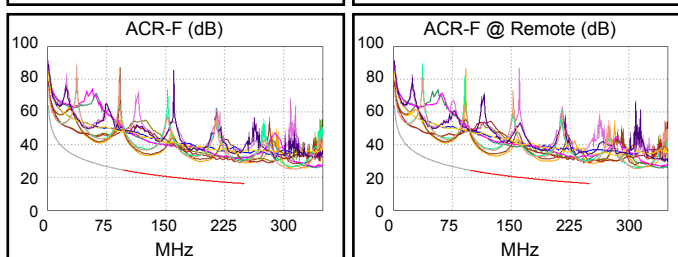


Worst Case Margin Worst Case Value

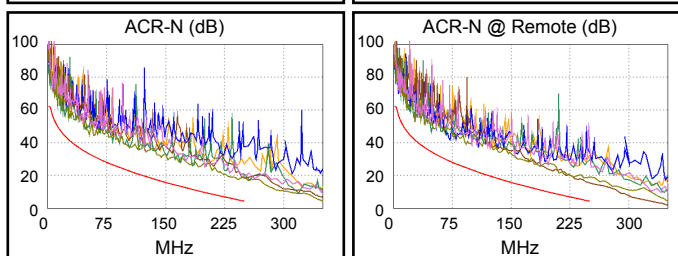
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-45	36-78	36-45
<b>NEXT (dB)</b>	7.8	7.6	8.0	7.6
Freq. (MHz)	241.5	248.5	247.0	248.5
Limit (dB)	35.6	35.4	35.4	35.4
Worst Pair	36	36	45	36
<b>PS NEXT (dB)</b>	8.7	7.6	8.7	7.6
Freq. (MHz)	247.5	244.5	250.0	244.5
Limit (dB)	32.8	32.9	32.7	32.9



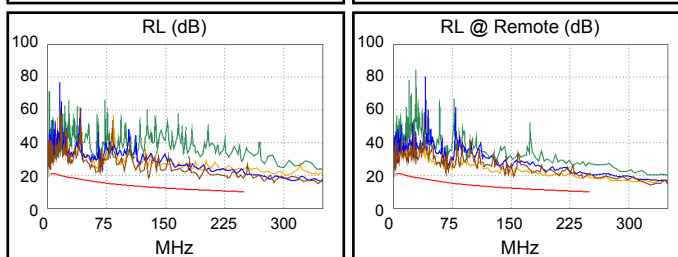
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
<b>ACR-F (dB)</b>	11.1	11.1	12.6	12.5
Freq. (MHz)	124.5	128.0	249.5	250.0
Limit (dB)	22.3	22.0	16.2	16.2
Worst Pair	45	45	45	45
<b>PS ACR-F (dB)</b>	11.6	11.6	12.0	11.6
Freq. (MHz)	1.0	245.0	245.5	245.0
Limit (dB)	61.2	13.4	13.4	13.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	36-78	36-78	36-45
<b>ACR-N (dB)</b>	11.5	11.1	12.6	11.4
Freq. (MHz)	21.8	27.4	247.0	249.0
Limit (dB)	44.2	41.6	4.5	4.3
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	11.3	10.3	11.4	10.3
Freq. (MHz)	246.5	244.5	247.5	244.5
Limit (dB)	2.0	2.2	1.9	2.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	12
<b>RL (dB)</b>	5.5	5.4	6.9	7.9
Freq. (MHz)	3.9	67.0	230.0	240.0
Limit (dB)	21.0	15.7	10.4	10.2



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		



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Remote S/N: 1830132

Cable Type: Cat 6 U/UTP

Calibration Start Date:

Main Adapter: DSX-PLA804

NVP: 69.0%

Main (Module): 09/17/2018

Remote (Module): 09/17/2018

Remote Adapter: DSX-PLA804

	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36	36	36	36
<b>TCL (dB)</b>	3.8	2.9	7.0	6.0
Freq. (MHz)	4.8	4.8	250.0	210.0
Limit (dB)	39.8	39.8	14.0	15.2
<b>N/A</b>				
Worst Pair			12-36	78-36
<b>CDNEXT (dB)</b>			19.7	20.5
Freq. (MHz)			333.0	330.0
Limit (dB)				
<b>N/A</b>				
Worst Pair			36	78
<b>CMRL (dB)</b>			4.2	4.1
Freq. (MHz)			1.9	1.9
Limit (dB)				
<b>PASS</b>				
Worst Pair	36	12	78	36
<b>ELTCTL (dB)</b>	19.6	18.0	25.0	22.6
Freq. (MHz)	6.1	1.0	16.0	10.9
Limit (dB)	14.3	30.0	5.9	9.3

