



Cable ID: CAT6A : WP-CAT6A-PP-48 Patch Panel - 100M SP-CAT6A-1000-BLU

Test Summary: PASS

Date / Time: 03/22/2019 12:34:51 PM

Operator: VERNON FURR

Model: DSX-8000

Headroom 4.1 dB (NEXT 36-78)

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

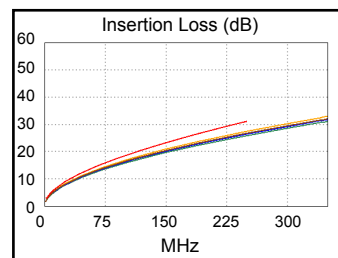
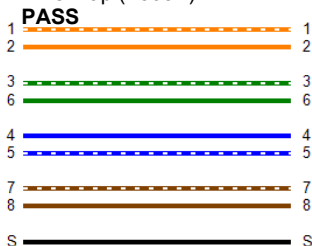
Length (ft), Limit 295	[Pair 36]	297
Prop. Delay (ns), Limit 498	[Pair 12]	458
Delay Skew (ns), Limit 44	[Pair 12]	21
Resistance (ohms), Limit 21.00	[Pair 78]	12.69
Resist. Unbal. (ohms), Limit 0.380	[Pair 45]	0.112
Resist. P2P Unbal. (ohms), Limit 0.440	[Pair 36-78]	0.102
Insertion Loss Margin (dB)	[Pair 12]	3.7
Frequency (MHz)	[Pair 12]	250.0
Limit (dB)	[Pair 12]	31.1



297 ft

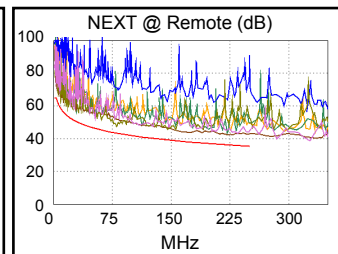
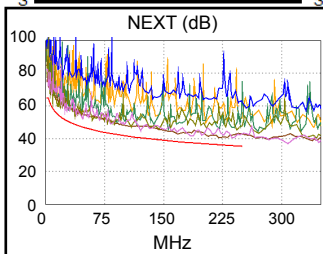


Wire Map (T568B)

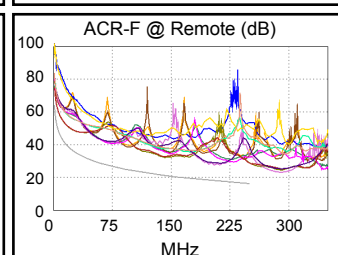
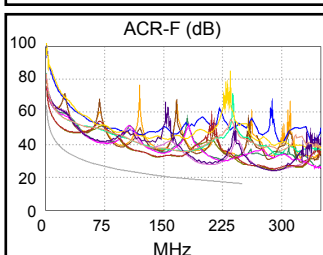


Worst Case Margin Worst Case Value

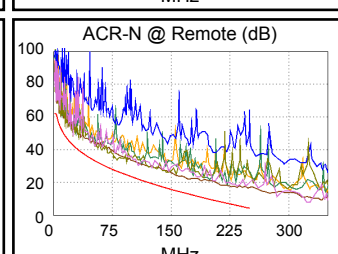
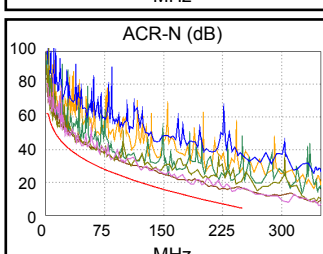
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	36-78	45-78	36-45
NEXT (dB)	4.2	4.1	4.5	6.3
Freq. (MHz)	185.0	80.5	238.5	226.5
Limit (dB)	37.5	43.4	35.7	36.0
Worst Pair	45	45	45	45
PS NEXT (dB)	4.3	5.0	4.6	5.0
Freq. (MHz)	166.5	222.0	239.5	222.0
Limit (dB)	35.6	33.6	33.0	33.6



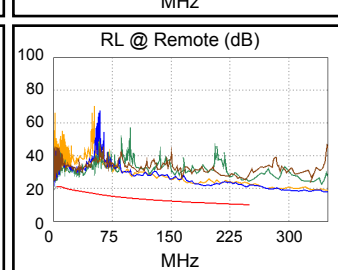
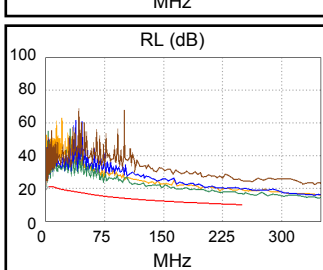
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
ACR-F (dB)	10.1	9.6	10.3	9.9
Freq. (MHz)	209.0	205.0	213.5	212.0
Limit (dB)	17.8	18.0	17.6	17.7
Worst Pair	45	45	45	36
PS ACR-F (dB)	12.0	11.9	13.6	14.2
Freq. (MHz)	143.5	146.5	250.0	250.0
Limit (dB)	18.1	17.9	13.2	13.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	45-78	45-78
ACR-N (dB)	5.0	5.3	8.7	11.6
Freq. (MHz)	9.0	9.0	238.5	250.0
Limit (dB)	53.3	53.3	5.4	4.2
Worst Pair	36	36	45	45
PS ACR-N (dB)	6.0	6.4	9.1	11.3
Freq. (MHz)	9.0	9.0	239.5	250.0
Limit (dB)	51.0	51.0	2.7	1.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	45
RL (dB)	6.3	7.2	6.6	10.8
Freq. (MHz)	206.5	4.9	247.5	246.5
Limit (dB)	10.9	21.0	10.1	10.1



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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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

	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36	12	36	36
TCL (dB)	8.9	7.2	9.0	13.0
Freq. (MHz)	207.0	1.0	208.0	218.5
Limit (dB)	15.3	40.0	15.2	14.9
N/A				
Worst Pair			78-45	12-36
CDNEXT (dB)			21.2	20.8
Freq. (MHz)			339.0	333.0
Limit (dB)				
N/A				
Worst Pair			36	45
CMRL (dB)			5.3	5.2
Freq. (MHz)			1.8	1.8
Limit (dB)				
PASS				
Worst Pair	12	12	78	78
ELTCTL (dB)	23.5	18.3	27.7	30.1
Freq. (MHz)	1.0	1.0	11.9	13.1
Limit (dB)	30.0	30.0	8.5	7.6

