



Cable ID: C8_Channel

Date / Time: 06/09/2019 09:30:09 AM

Headroom 2.4 dB (NEXT 36-45)

Test Limit: TIA Cat 8 Channel

Cable Type: Cat 8 S/FTP

NVP: 78.0%

Operator: JASON

Software Version: V6.0 Build 6

Limits Version: V7.0

Calibration Date:

Main (Module): 05/10/2018

Remote (Module): 05/10/2018

Test Summary: PASS

Model: DSX-8000

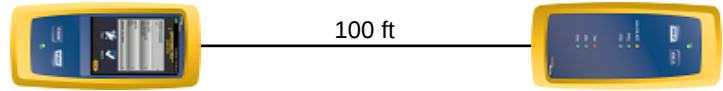
Main S/N: 1813246

Remote S/N: 1813249

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 98	[Pair 45]	100
Prop. Delay (ns), Limit 179	[Pair 78]	135
Delay Skew (ns), Limit 17	[Pair 78]	4
Resistance (ohms), Limit 6.40	[Pair 78]	3.71
Insertion Loss Margin (dB)	[Pair 45]	1.7
Frequency (MHz)	[Pair 45]	1930.0
Limit (dB)	[Pair 45]	32.0

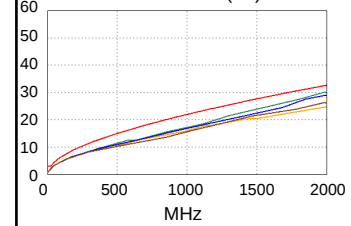


Wire Map (T568B)

PASS



Insertion Loss (dB)



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	2.4	2.9	5.3	3.8
Freq. (MHz)	496.0	24.4	2000.	1860.
Limit (dB)	28.0	50.9	9.8	10.9
Worst Pair	36	36	36	36
PS NEXT (dB)	3.5	4.1	5.9	4.6
Freq. (MHz)	496.0	1788.	1996.	1864.
Limit (dB)	24.9	8.9	7.4	8.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
ACR-F (dB)	0.8	2.1	0.8	2.1
Freq. (MHz)	1900.	1918.	1900.	1918.
Limit (dB)	6.4	6.3	6.4	6.3
Worst Pair	45	45	45	45
PS ACR-F (dB)	1.4	1.8	1.4	1.8
Freq. (MHz)	1910.	1928.	1910.	1928.
Limit (dB)	3.3	3.3	3.3	3.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	3.9	3.7	7.2	6.5
Freq. (MHz)	24.5	24.5	1930.	1926.
Limit (dB)	47.7	47.7	-21.7	-21.6
Worst Pair	36	36	36	36
PS ACR-N (dB)	5.7	5.5	8.7	8.4
Freq. (MHz)	24.5	24.4	1996.	1984.
Limit (dB)	44.3	44.3	-25.3	-25.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	4.7	3.6	4.7	3.6
Freq. (MHz)	1866.	1886.	1866.	1886.
Limit (dB)	8.0	8.0	8.0	8.0

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
10GBASE-T	25GBASE-T	40GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		

