



Cable ID: PCF6A-10CU-0100

Date / Time: 03/13/2020 01:51:01 PM

Headroom 3.4 dB (NEXT 12-45)

Test Limit: ISO11801 Channel Class Ea

Cable Type: Cat 7 S/FTP

NVP: 78.0%

Software Version: V6.2 Build 1

Limits Version: V7.2

Calibration Start Date:

Main (Module): 12/03/2018

Remote (Module): 12/03/2018

Test Summary: PASS

Model: DSX-8000

Main S/N: 1820302

Remote S/N: 1824298

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (ft), Limit 328	[Pair 45]	211
Prop. Delay (ns), Limit 555	[Pair 12]	283
Delay Skew (ns), Limit 50	[Pair 12]	8
Resistance (ohms), Limit 25.00	[Pair 12]	9.81
Insertion Loss Margin (dB)	[Pair 36]	20.0
Frequency (MHz)	[Pair 36]	500.0
Limit (dB)	[Pair 36]	49.3

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	36-78	12-45	12-36
NEXT (dB)	3.4	12.6	3.4	12.9
Freq. (MHz)	500.0	393.0	500.0	456.0
Limit (dB)	27.9	29.7	27.9	28.6
Worst Pair	36	36	45	12
PS NEXT (dB)	3.0	11.6	3.4	13.8
Freq. (MHz)	100.0	12.9	499.0	462.0
Limit (dB)	37.1	52.2	24.9	25.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	78-45	12-36	78-45
ACR-F (dB)	12.6	12.9	12.6	12.9
Freq. (MHz)	456.0	498.0	456.0	498.0
Limit (dB)	10.1	9.3	10.1	9.3
Worst Pair	36	45	36	45
PS ACR-F (dB)	15.3	15.5	15.3	15.5
Freq. (MHz)	456.0	497.0	456.0	497.0
Limit (dB)	7.1	6.3	7.1	6.3

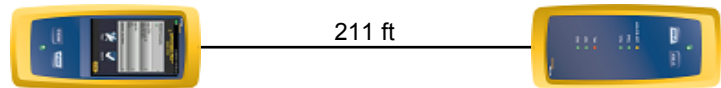
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-45	12-36
ACR-N (dB)	5.9	9.3	23.6	34.8
Freq. (MHz)	3.5	3.4	500.0	498.0
Limit (dB)	60.0	60.2	-21.4	-21.3
Worst Pair	36	36	45	36
PS ACR-N (dB)	5.1	9.1	23.6	34.9
Freq. (MHz)	3.5	3.6	499.0	498.0
Limit (dB)	57.5	57.2	-24.4	-24.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	36	12	45	12
RL (dB)	6.9	7.3	7.7	7.3
Freq. (MHz)	176.5	466.0	448.0	466.0
Limit (dB)	9.5	6.0	6.0	6.0

Compliant Network Standards:

10BASE-T 100BASE-TX
1000BASE-T 2.5GBASE-T
10GBASE-T ATM-25
ATM-155 100VG-AnyLan
TR-16 Active TR-16 Passive

100BASE-T4
5GBASE-T
ATM-51
TR-4



Wire Map (T568B)

PASS

