

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
914	PASS	TIA Cat 8 Channel	12.4 m	15.8 dB (NEXT)	01/23/2018 08:16

Total Length:	12.4 m
Number of Reports:	1
Number of Passing Reports:	1
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



Cable ID: 914

Date / Time: 01/23/2018 08:16:59

Headroom 15.8 dB (NEXT 12-36)

Test Limit: TIA Cat 8 Channel

Cable Type: Cat 8 S/FTP

NVP: 78.0%

Operator: FLUKE

Software Version: V5.1 Build 4

Limits Version: V6.1

Calibration Start Date:

Main (Module): 02/20/2017

Remote (Module): 02/20/2017

Test Summary: PASS

Model: DSX-8000

Main S/N: 1612004

Remote S/N: 1623070

Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

Length (m), Limit 30.0	[Pair 12]	12.4
Prop. Delay (ns), Limit 179	[Pair 36]	54
Delay Skew (ns), Limit 17	[Pair 36]	1
Resistance (ohms), Limit 6.40	[Pair 12]	1.90
Resist. Unbal. (ohms), Limit 0.100	[Pair 45]	0.008
Resist. P2P Unbal. (ohms), Limit 0.200	[Pair 12-78]	0.007
Insertion Loss Margin (dB)	[Pair 45]	18.7
Frequency (MHz)	[Pair 45]	2000.0
Limit (dB)	[Pair 45]	32.7

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-36	36-78	36-78
NEXT (dB)	17.1	15.8	27.5	29.5
Freq. (MHz)	3.8	4.5	1762.	1994.
Limit (dB)	64.3	63.0	11.6	9.9
Worst Pair	36	36	36	36
PS NEXT (dB)	17.4	16.0	27.9	31.1
Freq. (MHz)	7.1	7.8	1718.	1994.
Limit (dB)	56.4	55.8	9.4	7.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	12.5	11.9	12.6	12.0
Freq. (MHz)	1998.	1998.	2000.	2000.
Limit (dB)	6.0	6.0	5.9	5.9
Worst Pair	36	45	36	45
PS ACR-F (dB)	15.0	13.5	15.1	13.6
Freq. (MHz)	1998.	1998.	2000.	2000.
Limit (dB)	3.0	3.0	2.9	2.9

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-36	36-78	36-78
ACR-N (dB)	19.7	17.8	46.5	49.8
Freq. (MHz)	6.5	21.0	1762.	1994.
Limit (dB)	57.4	49.0	-18.7	-22.8
Worst Pair	36	36	36	36
PS ACR-N (dB)	19.8	18.4	45.4	50.3
Freq. (MHz)	7.1	7.8	1718.	1994.
Limit (dB)	53.4	52.8	-20.5	-25.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	45
RL (dB)	4.2	5.1	4.2	5.8
Freq. (MHz)	874.0	795.0	874.0	950.0
Limit (dB)	8.5	8.9	8.5	8.2

Compliant Network Standards:

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

