



Cable ID: 70648

Date / Time: 01/08/2018 04:37:50 PM

Headroom 4.0 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Software Version: V5.2 Build 1

Limits Version: V6.1

Calibration Start Date:

Main (Module): 06/29/2017

Remote (Module): 06/29/2017

Test Summary: PASS

Model: DSX-5000

Main S/N: 3716097

Remote S/N: 3759055

Main Adapter: DSX-CHA004

Remote Adapter: DSX-CHA004

Length (ft), Limit 328	[Pair 78]	100
Prop. Delay (ns), Limit 555	[Pair 36]	156
Delay Skew (ns), Limit 50	[Pair 36]	7
Resistance (ohms)	[Pair 45]	5.15
Insertion Loss Margin (dB)	[Pair 78]	25.6
Frequency (MHz)	[Pair 78]	250.0
Limit (dB)	[Pair 78]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	45-78	12-45
NEXT (dB)	5.7	4.0	11.1	9.1
Freq. (MHz)	26.5	26.6	243.0	217.0
Limit (dB)	49.6	49.6	33.3	34.2
Worst Pair	12	12	45	12
PS NEXT (dB)	7.3	6.2	11.1	11.2
Freq. (MHz)	26.6	27.0	242.5	217.5
Limit (dB)	46.9	46.8	30.4	31.2

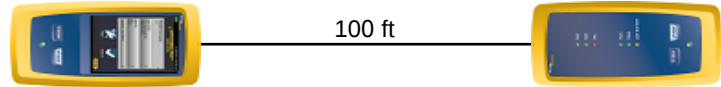
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	78-12	12-78
ACR-F (dB)	12.0	12.0	15.7	15.4
Freq. (MHz)	2.3	2.0	246.5	246.5
Limit (dB)	56.2	57.2	15.4	15.4
Worst Pair	78	45	12	12
PS ACR-F (dB)	14.2	14.2	16.6	17.1
Freq. (MHz)	1.0	1.0	243.5	243.0
Limit (dB)	60.3	60.3	12.5	12.5

N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	45-78	12-45
ACR-N (dB)	12.9	11.2	36.3	33.0
Freq. (MHz)	26.5	26.5	243.0	217.0
Limit (dB)	39.2	39.2	-2.0	1.1
Worst Pair	12	12	45	12
PS ACR-N (dB)	14.5	13.4	36.5	35.0
Freq. (MHz)	26.5	26.5	242.5	217.5
Limit (dB)	36.5	36.5	-4.9	-1.9

PASS	MAIN	SR	MAIN	SR
Worst Pair	12	78	78	78
RL (dB)	9.6	8.6	11.2	11.4
Freq. (MHz)	51.5	65.8	150.0	235.5
Limit (dB)	14.9	13.8	10.2	8.3

Compliant Network Standards:

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



Wire Map (T568B)

PASS



Insertion Loss (dB)

