



Cable ID: CAT7 S/FTP 7/0.12BC FUMAO Heise0.5m-2

Date / Time: 02/17/2020 12:28:42 PM

Headroom 3.9 dB (NEXT 36-78)

Test Limit: TIA Cat 6A Channel

Cable Type: Cat 7 S/FTP

NVP: 78.0%

Operator: GAO NIAN

Software Version: V6.2 Build 1

Limits Version: V7.2

Calibration Date:

Main (Module): 12/22/2017

Remote (Module): 12/22/2017

Test Summary: PASS

Model: DSX-5000

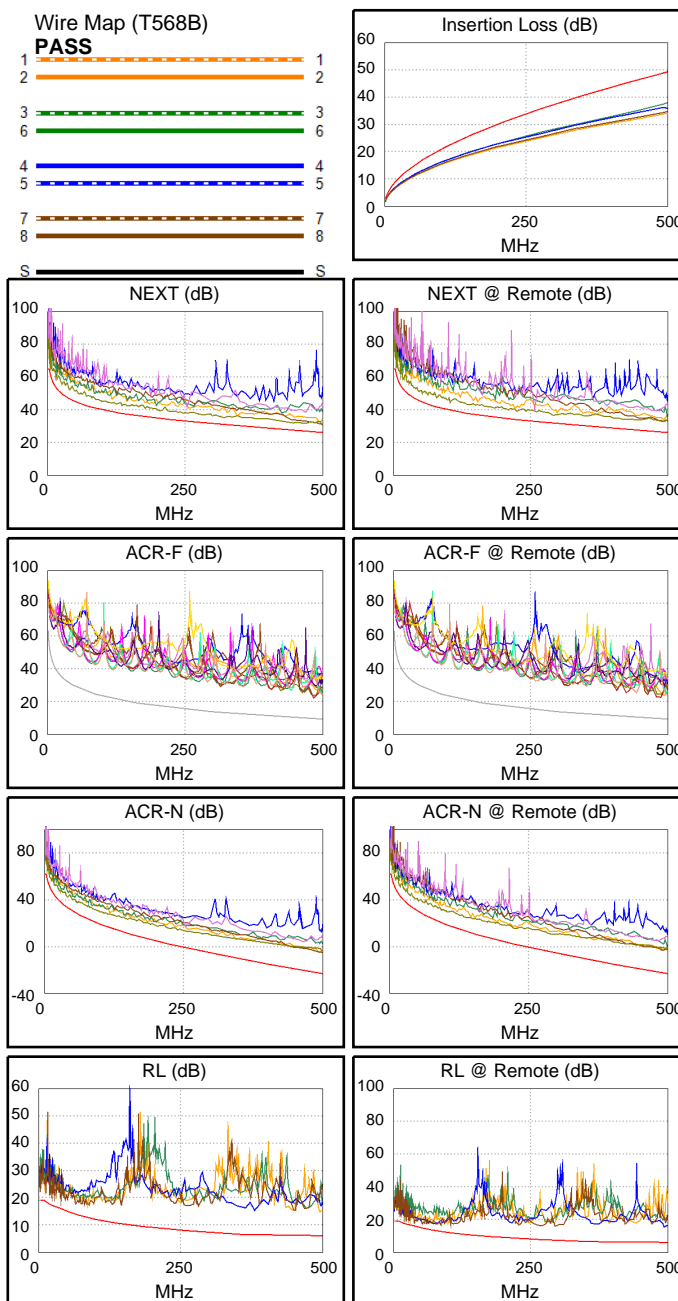
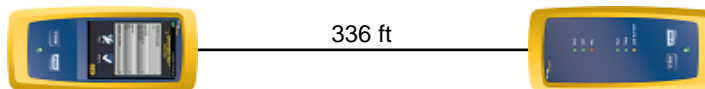
Main S/N: 2437428

Remote S/N: 2437020

Main Adapter: DSX-CHA004

Remote Adapter: DSX-CHA004

Length (ft), Limit 328	[Pair 78]	336
Prop. Delay (ns), Limit 555	[Pair 45]	473
Delay Skew (ns), Limit 50	[Pair 45]	35
Resistance (ohms)	[Pair 45]	14.58
Insertion Loss Margin (dB)	[Pair 36]	11.5
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	36-78	36-78	36-78	36-45
NEXT (dB)	3.9	4.4	4.6	6.2
Freq. (MHz)	320.0	286.0	500.0	489.0
Limit (dB)	31.3	32.1	26.1	26.4
Worst Pair	36	36	36	36
PS NEXT (dB)	3.6	5.0	3.6	5.2
Freq. (MHz)	500.0	299.0	500.0	491.0
Limit (dB)	23.2	28.8	23.2	23.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	45-36	45-36	45-36
ACR-F (dB)	12.6	12.8	12.6	12.8
Freq. (MHz)	484.0	486.0	484.0	486.0
Limit (dB)	9.6	9.5	9.6	9.5
Worst Pair	36	36	36	36
PS ACR-F (dB)	14.5	13.9	14.8	13.9
Freq. (MHz)	482.0	486.0	500.0	486.0
Limit (dB)	6.6	6.5	6.3	6.5

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	36-45
ACR-N (dB)	7.7	7.7	18.0	18.8
Freq. (MHz)	4.4	4.4	500.0	489.0
Limit (dB)	58.1	58.1	-23.2	-22.3
Worst Pair	36	36	36	36
PS ACR-N (dB)	8.5	8.9	15.1	16.8
Freq. (MHz)	4.4	4.4	500.0	494.0
Limit (dB)	55.6	55.6	-26.1	-25.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	2.3	1.3	8.4	7.5
Freq. (MHz)	47.3	39.0	472.0	296.0
Limit (dB)	15.3	16.0	6.0	7.3

Compliant Network Standards:

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