



Cable ID: S1-LEGRAND CAT6 SFTP ER-CH

Test Limit: TIA Cat 6 Channel

Limits Version: V7.6

Date / Time: 06/23/2022 11:52:24 AM

Operator: MORADI

Headroom 9.2 dB (NEXT 3,6-7,8)

Cable Type: Cat 6 F/UTP

NVP: 70.0%

Main: Versiv

S/N: 2934032

Software Version: V6.6 Build 2

Calibration Date: 01/25/2020

Adapter: DSX-5000 (DSX-CHA004)

S/N: 2496243

Test Summary: PASS

Remote: Versiv

S/N: 2468333

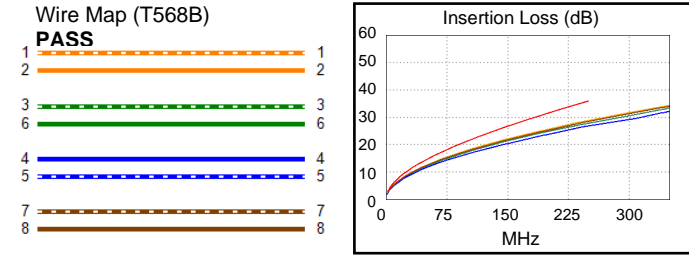
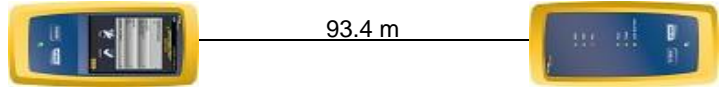
Software Version: V6.6 Build 2

Calibration Date: 08/12/2013

Adapter: DSX-5000R (DSX-CHA004)

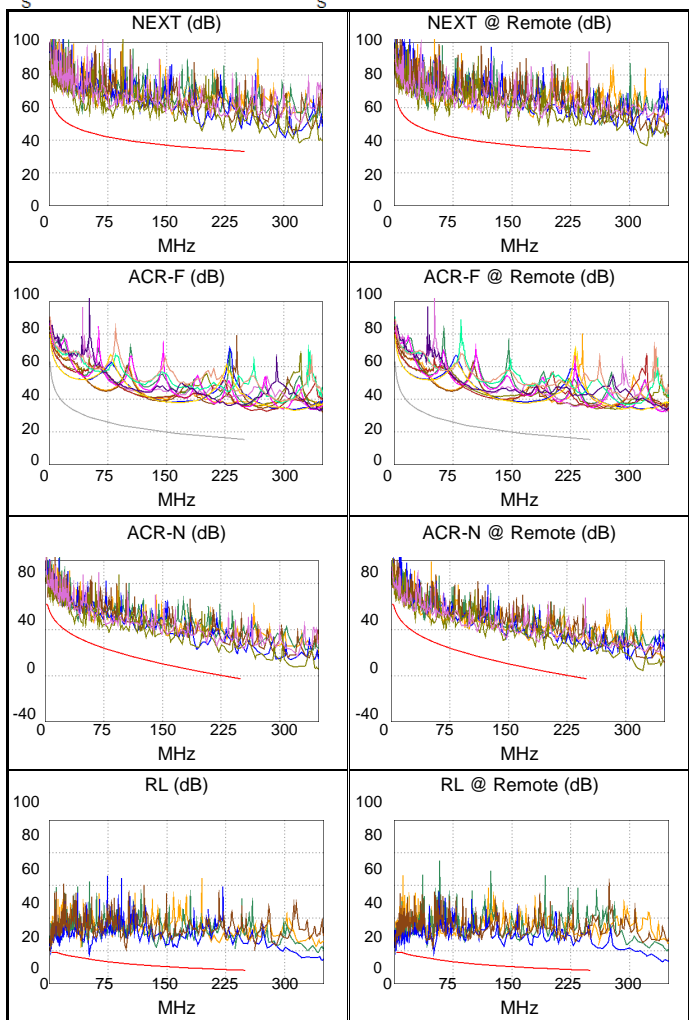
S/N: 2496247

Length (m), Limit 100.0	[Pair 4,5]	93.4
Prop. Delay (ns), Limit 555	[Pair 1,2]	469
Delay Skew (ns), Limit 50	[Pair 1,2]	24
Resistance (ohms)	[Pair 1,2]	16.76
Insertion Loss Margin (dB)	[Pair 1,2]	7.0
Frequency (MHz)	[Pair 1,2]	250.0
Limit (dB)	[Pair 1,2]	35.9



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	3,6-7,8
NEXT (dB)	9.2	10.2	12.0	14.7
Freq. (MHz)	37.5	6.3	234.0	232.5
Limit (dB)	47.1	59.9	33.6	33.7
Worst Pair	3,6	3,6	7,8	7,8
PS NEXT (dB)	11.4	10.8	12.1	17.0
Freq. (MHz)	37.5	3.3	195.5	246.0
Limit (dB)	44.4	62.0	32.0	30.3
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	4,5-3,6	3,6-7,8
ACR-F (dB)	17.4	17.4	19.5	19.1
Freq. (MHz)	7.5	8.5	250.0	234.0
Limit (dB)	45.8	44.7	15.3	15.9
Worst Pair	1,2	1,2	3,6	1,2
PS ACR-F (dB)	17.8	18.0	19.3	20.5
Freq. (MHz)	1.0	1.0	250.0	249.5
Limit (dB)	60.3	60.3	12.3	12.3
N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	3,6-7,8
ACR-N (dB)	11.0	10.8	19.0	23.3
Freq. (MHz)	37.5	6.3	234.0	246.0
Limit (dB)	34.6	54.9	-1.0	-2.4
Worst Pair	4,5	3,6	7,8	7,8
PS ACR-N (dB)	13.3	11.3	22.4	24.3
Freq. (MHz)	3.3	3.3	245.5	246.0
Limit (dB)	58.4	58.4	-5.3	-5.3
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	4,5
RL (dB)	2.8	2.7	2.8	2.7
Freq. (MHz)	51.0	51.0	51.0	51.0
Limit (dB)	14.9	14.9	14.9	14.9



Compliant Network Standards:

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