



**Cable ID: S1-LEGRAND CAT6 SFTP ER-PERM**

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.6

Date / Time: 06/23/2022 11:33:31 AM

Operator: MORADI

Headroom 4.1 dB (NEXT 4,5-7,8)

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-PLA004)

S/N: 3126109

**Test Summary: PASS**

Remote: Versiv

S/N: 2468333

Software Version: V6.6 Build 2

Calibration Date: 08/12/2013

Adapter: DSX-5000R (DSX-PLA004)

S/N: 3126110

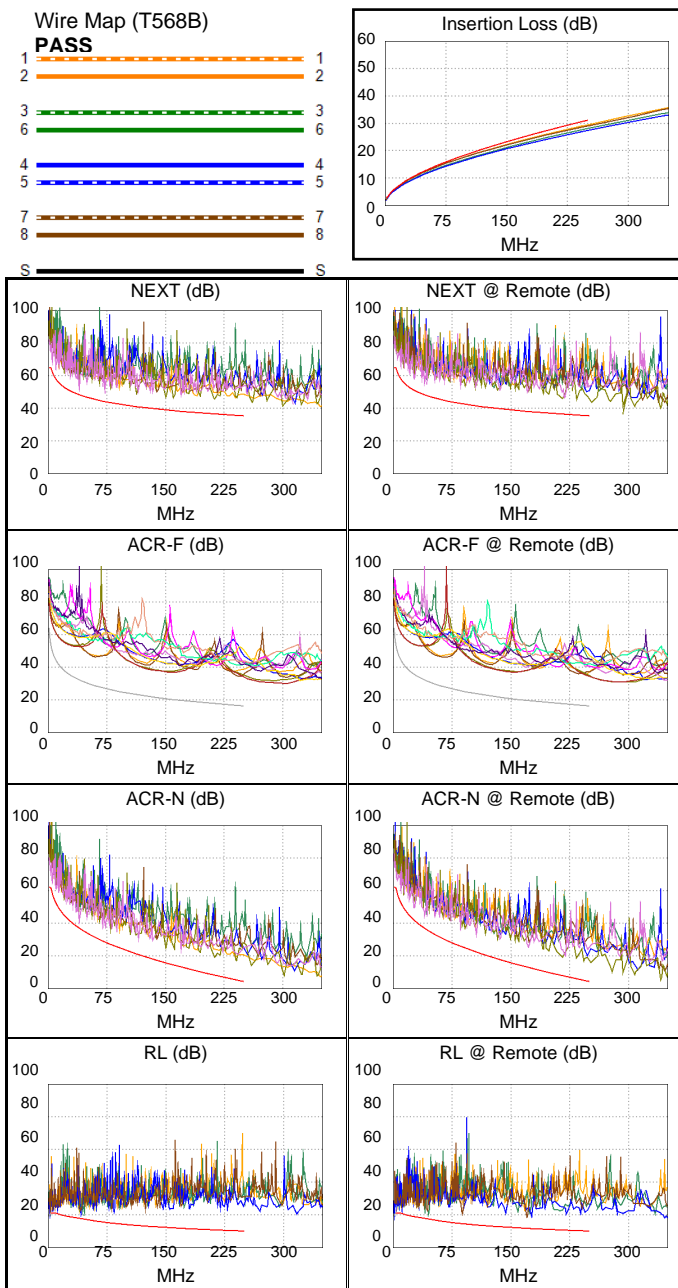
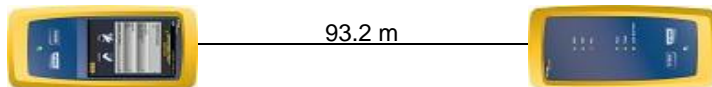
Length (m), Limit 90.0	[Pair 4,5]	93.2
Prop. Delay (ns), Limit 498	[Pair 1,2]	468
Delay Skew (ns), Limit 44	[Pair 1,2]	24
Resistance (ohms)	[Pair 7,8]	16.44
Insertion Loss Margin (dB)	[Pair 1,2]	1.6
Frequency (MHz)	[Pair 1,2]	250.0
Limit (dB)	[Pair 1,2]	31.1

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	4,5-7,8	3,6-7,8	3,6-7,8
<b>NEXT (dB)</b>	4.1	6.3	9.8	10.0
Freq. (MHz)	39.8	40.0	240.5	243.0
Limit (dB)	48.3	48.3	35.6	35.5
Worst Pair	7,8	7,8	3,6	7,8
<b>PS NEXT (dB)</b>	5.8	7.7	9.8	11.6
Freq. (MHz)	39.5	26.9	240.5	248.0
Limit (dB)	45.9	48.6	33.0	32.8
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	4,5-3,6	4,5-3,6	4,5-3,6
<b>ACR-F (dB)</b>	16.4	16.2	18.1	18.2
Freq. (MHz)	136.5	144.0	250.0	250.0
Limit (dB)	21.5	21.0	16.2	16.2
Worst Pair	3,6	3,6	3,6	3,6
<b>PS ACR-F (dB)</b>	16.4	16.7	19.2	18.9
Freq. (MHz)	1.0	1.1	250.0	248.5
Limit (dB)	61.2	60.2	13.2	13.3
N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	4,5-7,8	3,6-7,8	3,6-7,8
<b>ACR-N (dB)</b>	4.4	6.6	11.7	11.9
Freq. (MHz)	39.8	40.0	240.5	243.0
Limit (dB)	37.0	36.9	5.2	4.9
Worst Pair	7,8	7,8	3,6	7,8
<b>PS ACR-N (dB)</b>	6.1	7.9	12.7	13.7
Freq. (MHz)	39.5	26.9	240.5	248.0
Limit (dB)	34.6	39.4	2.6	1.8
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	3,6	7,8
<b>RL (dB)</b>	1.8*	2.4	2.3	6.8
Freq. (MHz)	5.9	4.6	44.5	170.5
Limit (dB)	21.0	21.0	17.5	11.7

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		



\* Measurement is within the accuracy limits of the instrument.