



**Cable ID: S2-LEGRAND CAT6 UTP 54 G1-PERM**

**Test Summary: PASS**

Test Limit: TIA Cat 6 Perm. Link

Main: Versiv

Remote: Versiv

Limits Version: V7.6

S/N: 2934032

S/N: 2468333

Date / Time: 11/13/2021 19:17:35

Software Version: V6.6 Build 2

Software Version: V6.6 Build 2

Operator: MORADI

Calibration Date: 01/25/2020

Calibration Date: 08/12/2013

Headroom 6.3 dB (NEXT 1,2-7,8)

Adapter: DSX-5000 (DSX-PLA004)

Adapter: DSX-5000R (DSX-PLA004)

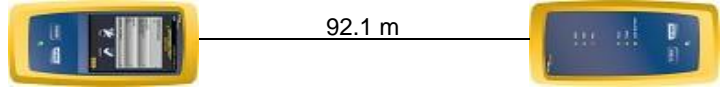
Cable Type: Cat 6 U/UTP

S/N: 3126110

S/N: 3126109

NVP: 69.0%

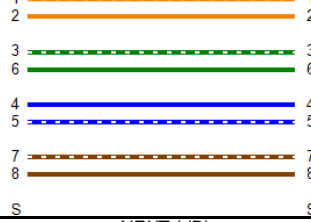
Length (m), Limit 90.0	[Pair 7,8]	92.1
Prop. Delay (ns), Limit 498	[Pair 4,5]	470
Delay Skew (ns), Limit 44	[Pair 4,5]	25
Resistance (ohms)	[Pair 4,5]	14.48
Insertion Loss Margin (dB)	[Pair 4,5]	4.5
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	31.1



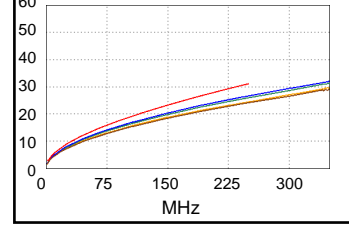
92.1 m

Wire Map (T568B)

**PASS**

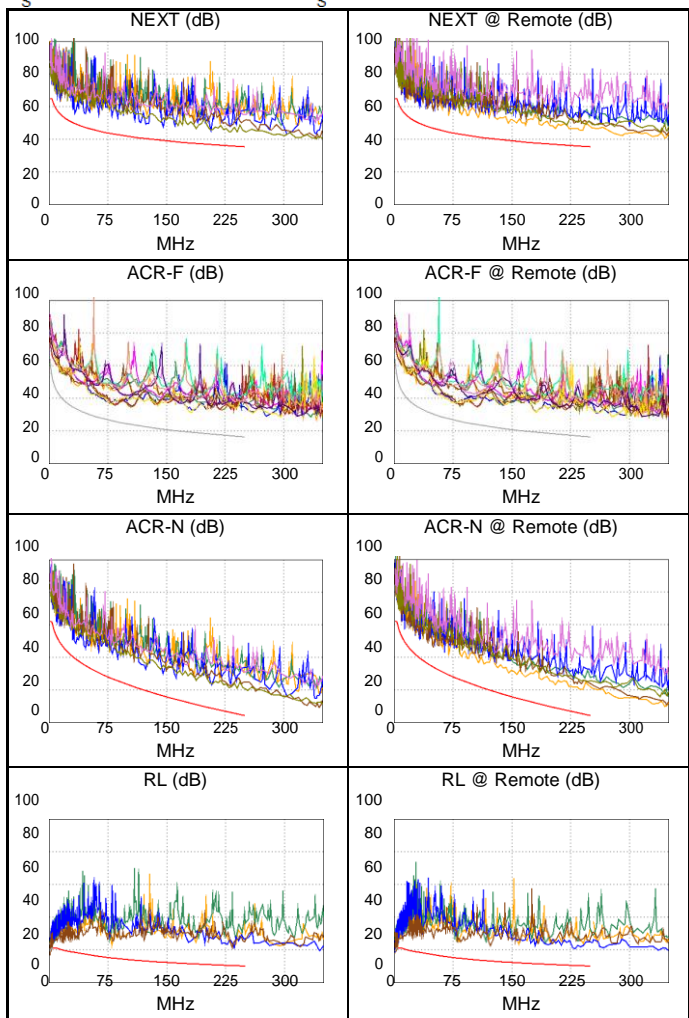


Insertion Loss (dB)



Worst Case Margin Worst Case Value

<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-3,6	3,6-7,8	1,2-3,6
<b>NEXT (dB)</b>	6.3	8.6	8.6	8.6
Freq. (MHz)	33.3	239.0	249.0	239.0
Limit (dB)	49.5	35.7	35.4	35.7
Worst Pair	7,8	3,6	7,8	3,6
<b>PS NEXT (dB)</b>	7.8	9.1	9.1	9.1
Freq. (MHz)	33.3	239.0	232.0	239.0
Limit (dB)	47.1	33.0	33.2	33.0
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	7,8-1,2	7,8-1,2
<b>ACR-F (dB)</b>	9.9	9.5	12.0	12.1
Freq. (MHz)	83.8	84.0	181.0	182.0
Limit (dB)	25.7	25.7	19.0	19.0
Worst Pair	3,6	4,5	3,6	3,6
<b>PS ACR-F (dB)</b>	12.1	12.0	15.9	15.0
Freq. (MHz)	83.8	84.0	223.5	211.0
Limit (dB)	22.7	22.7	14.2	14.7
<b>N/A</b>	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	3,6-7,8	1,2-3,6
<b>ACR-N (dB)</b>	8.2	10.2	15.6	13.5
Freq. (MHz)	33.3	13.5	249.0	239.0
Limit (dB)	39.2	49.3	4.3	5.4
Worst Pair	7,8	1,2	3,6	3,6
<b>PS ACR-N (dB)</b>	9.7	11.7	15.6	14.0
Freq. (MHz)	33.3	13.5	249.0	239.0
Limit (dB)	36.8	46.9	1.7	2.7
<b>PASS</b>	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	4,5
<b>RL (dB)</b>	3.0	2.9	10.9	9.9
Freq. (MHz)	4.9	4.8	236.0	230.0
Limit (dB)	21.0	21.0	10.3	10.4



Compliant Network Standards:

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