

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
M2S1-LEGRAND CAT6 UTP PVC-PER	PASS*	TIA Cat 6 Perm. Link	89.6 m	7.7 dB (NEXT)	09/08/2025 08:48 AM

Total Length:	89.6 m
Number of Reports:	1
Number of Passing Reports:	1
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



Cable ID: M2S1-LEGRAND CAT6 UTP PVC-PER

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.6

Date / Time: 09/08/2025 08:48:36 AM

Operator: MORADI

Headroom 7.7 dB (NEXT 3,6-4,5)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

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]	89.6
Prop. Delay (ns), Limit 498	[Pair 1,2]	464
Delay Skew (ns), Limit 44	[Pair 1,2]	31
Resistance (ohms)	[Pair 1,2]	17.01
Insertion Loss Margin (dB)	[Pair 1,2]	0.7
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	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	7.7	8.0	7.7	8.0
Freq. (MHz)	242.0	228.5	242.0	228.5
Limit (dB)	35.6	36.0	35.6	36.0
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	7.3	9.4	7.3	9.5
Freq. (MHz)	243.5	238.0	243.5	238.5
Limit (dB)	32.9	33.1	32.9	33.0

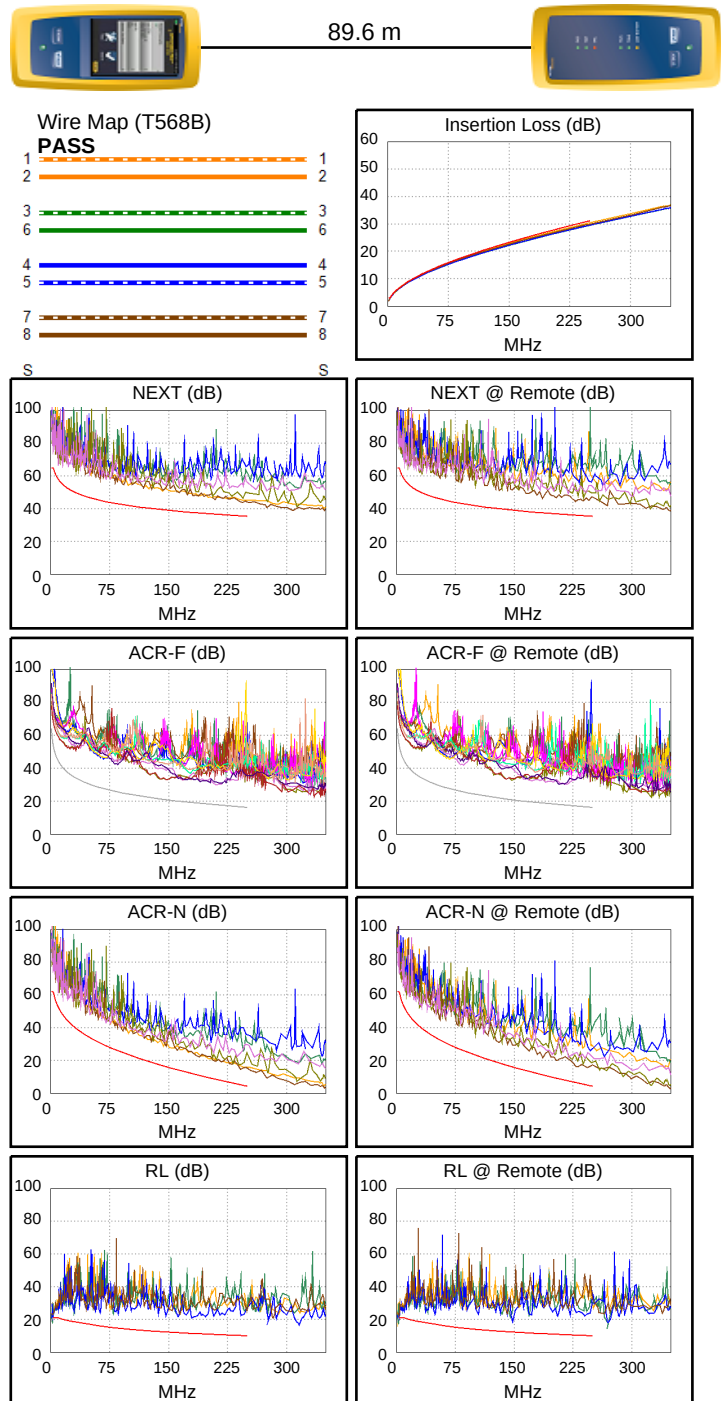
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	3,6-7,8	3,6-7,8
ACR-F (dB)	11.8	11.9	11.9	12.1
Freq. (MHz)	144.5	147.5	207.0	213.0
Limit (dB)	21.0	20.8	17.9	17.6
Worst Pair	3,6	3,6	7,8	7,8
PS ACR-F (dB)	13.6	14.2	14.4	14.3
Freq. (MHz)	168.0	176.5	210.0	215.5
Limit (dB)	16.7	16.3	14.7	14.5

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
ACR-N (dB)	9.3	9.5	9.3	10.4
Freq. (MHz)	242.0	228.5	242.0	243.5
Limit (dB)	5.0	6.5	5.0	4.9
Worst Pair	3,6	7,8	3,6	3,6
PS ACR-N (dB)	8.8	10.3	9.0	11.0
Freq. (MHz)	242.5	10.1	244.0	238.5
Limit (dB)	2.4	49.8	2.2	2.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	4,5	4,5
RL (dB)	1.8*	1.3*	8.6	6.2
Freq. (MHz)	3.8	3.8	180.5	148.0
Limit (dB)	21.0	21.0	11.4	12.3

Compliant Network Standards:

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



* Measurement is within the accuracy limits of the instrument.

LinkWare™ PC Version 10.7