

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
LEGRAND CAT6 UTP CABLE	PASS	TIA Cat 6 Perm. Link	90.8 m	6.0 dB (NEXT)	06/10/2022 11:50 AM

Total Length:	90.8 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: LEGRAND CAT6 UTP CABLE

Date / Time: 06/10/2022 11:50:32 AM

Headroom 6.0 dB (NEXT 36-45)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: Operator Name

Software Version: V6.6 Build 2

Limits Version: V7.6

Calibration Start Date:

Main (Module): 07/27/2020

Remote (Module): 07/27/2020

Test Summary: PASS

Model: DSX-8000

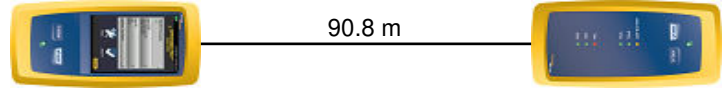
Main S/N: 2020017

Remote S/N: 2024009

Main Adapter: DSX-PLA804

Remote Adapter: DSX-PLA804

Length (m), Limit 90.0	[Pair 78]	90.8
Prop. Delay (ns), Limit 498	[Pair 36]	468
Delay Skew (ns), Limit 44	[Pair 36]	29
Resistance (ohms)	[Pair 36]	14.01
Insertion Loss Margin (dB)	[Pair 36]	3.4
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	31.1

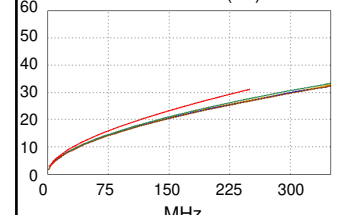


Wire Map (T568B)

PASS



Insertion Loss (dB)



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	9.3	6.0	9.3	6.0
Freq. (MHz)	249.0	248.5	249.0	248.5
Limit (dB)	35.4	35.4	35.4	35.4
Worst Pair	12	36	36	36
PS NEXT (dB)	11.6	6.8	11.7	6.8
Freq. (MHz)	16.4	249.0	248.5	249.0
Limit (dB)	52.1	32.7	32.7	32.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	78-36	78-36	45-36	45-36
ACR-F (dB)	6.3	6.4	9.1	8.4
Freq. (MHz)	26.4	25.5	238.0	229.5
Limit (dB)	35.8	36.1	16.7	17.0
Worst Pair	36	36	36	36
PS ACR-F (dB)	8.8	8.9	10.7	10.7
Freq. (MHz)	26.4	25.5	249.5	250.0
Limit (dB)	32.8	33.1	13.2	13.2

N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-45	36-45	36-45
ACR-N (dB)	10.7	10.1	13.5	10.3
Freq. (MHz)	16.4	227.5	249.0	249.0
Limit (dB)	47.3	6.6	4.3	4.3
Worst Pair	12	36	36	36
PS ACR-N (dB)	12.3	10.2	15.0	10.3
Freq. (MHz)	16.4	249.5	248.5	250.0
Limit (dB)	44.9	1.7	1.8	1.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	7.4	4.0	9.5	4.0
Freq. (MHz)	3.8	237.0	211.0	237.0
Limit (dB)	21.0	10.3	10.8	10.3

Compliant Network Standards:

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

100BASE-T4
5GBASE-T
ATM-155
TR-16 Active

