



Cable ID: S1-LEGRAND CAT6 UTP-CH

Test Limit: TIA Cat 6 Channel

Limits Version: V7.6

Date / Time: 08/29/2021 18:30:54

Operator: MORADI

Headroom 8.0 dB (NEXT 3,6-7,8)

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-CHA004)

S/N: 3078296

Test Summary: PASS

Remote: Versiv

S/N: 2468333

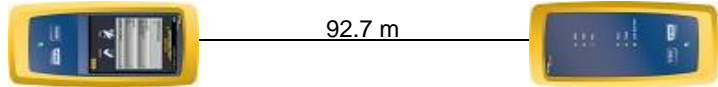
Software Version: V6.6 Build 2

Calibration Date: 08/12/2013

Adapter: DSX-5000R (DSX-CHA004)

S/N: 3078276

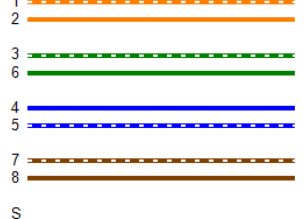
Length (m), Limit 100.0	[Pair 4,5]	92.7
Prop. Delay (ns), Limit 555	[Pair 1,2]	464
Delay Skew (ns), Limit 50	[Pair 1,2]	16
Resistance (ohms)	[Pair 1,2]	16.00
Insertion Loss Margin (dB)	[Pair 1,2]	5.1
Frequency (MHz)	[Pair 1,2]	250.0
Limit (dB)	[Pair 1,2]	35.9



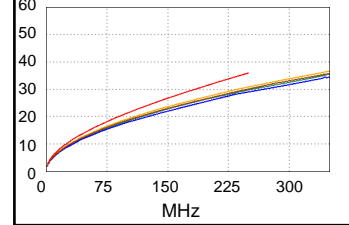
92.7 m

Wire Map (T568B)

PASS

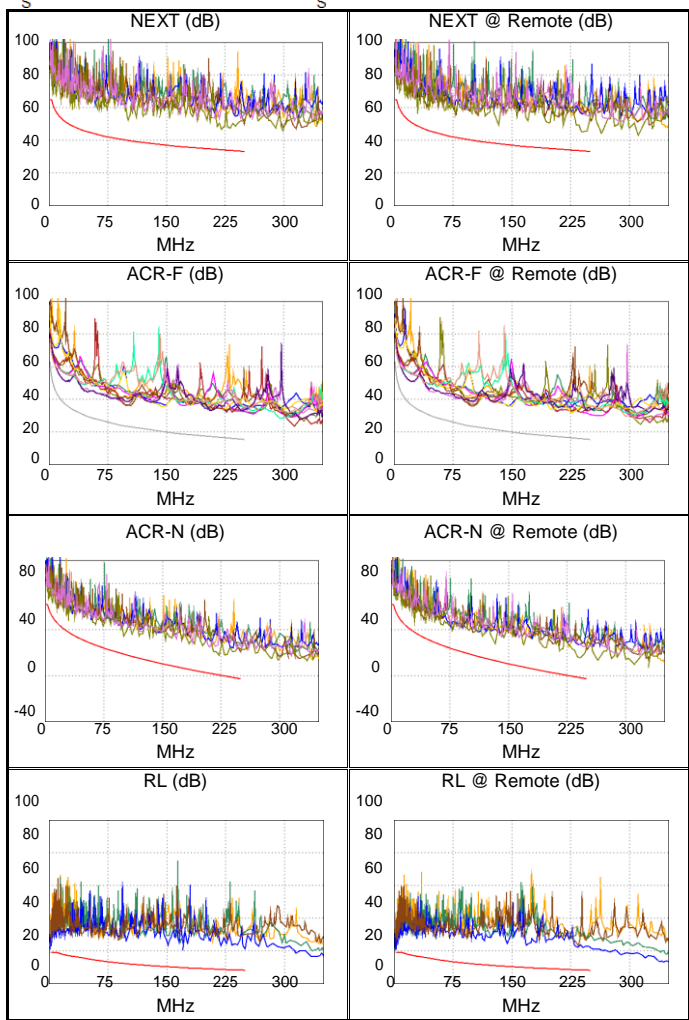


Insertion Loss (dB)



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)	8.0	8.9	11.9	11.4
Freq. (MHz)	4.3	29.9	222.5	241.0
Limit (dB)	62.6	48.7	34.0	33.4
Worst Pair	3,6	3,6	3,6	7,8
PS NEXT (dB)	9.8	10.4	14.7	13.7
Freq. (MHz)	4.3	3.3	222.5	241.0
Limit (dB)	60.1	62.0	31.0	30.4
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	4,5-3,6	4,5-3,6	4,5-1,2
ACR-F (dB)	12.9	12.5	15.7	15.1
Freq. (MHz)	99.0	100.0	234.5	250.0
Limit (dB)	23.3	23.3	15.9	15.3
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-F (dB)	13.1	13.0	16.5	16.7
Freq. (MHz)	97.8	100.0	249.0	244.0
Limit (dB)	20.5	20.3	12.3	12.5
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)	8.4	10.0	18.1	17.1
Freq. (MHz)	4.3	29.9	230.0	241.0
Limit (dB)	58.5	37.6	-0.5	-1.8
Worst Pair	3,6	3,6	3,6	7,8
PS ACR-N (dB)	10.3	10.9	23.1	19.3
Freq. (MHz)	4.3	3.3	250.0	241.0
Limit (dB)	56.0	58.4	-5.8	-4.7
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	4,5
RL (dB)	9.2	7.5	13.2	12.8
Freq. (MHz)	3.6	3.8	249.5	232.5
Limit (dB)	19.0	19.0	8.0	8.3



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



Cable ID: S2-LEGRAND CAT6 UTP-CH

Test Limit: TIA Cat 6 Channel

Limits Version: V7.6

Date / Time: 08/29/2021 18:50:56

Operator: MORADI

Headroom 9.9 dB (NEXT 3,6-7,8)

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-CHA004)

S/N: 3078296

Test Summary: PASS

Remote: Versiv

S/N: 2468333

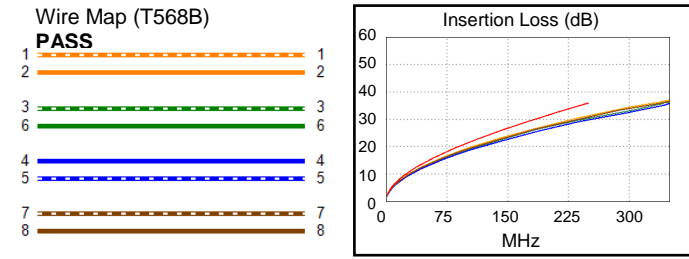
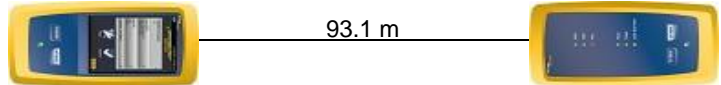
Software Version: V6.6 Build 2

Calibration Date: 08/12/2013

Adapter: DSX-5000R (DSX-CHA004)

S/N: 3078276

Length (m), Limit 100.0	[Pair 4,5]	93.1
Prop. Delay (ns), Limit 555	[Pair 1,2]	467
Delay Skew (ns), Limit 50	[Pair 1,2]	17
Resistance (ohms)	[Pair 1,2]	16.18
Insertion Loss Margin (dB)	[Pair 1,2]	4.6
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	3,6-4,5	3,6-7,8
NEXT (dB)	11.0	9.9	15.3	12.6
Freq. (MHz)	23.8	2.0	248.0	226.0
Limit (dB)	50.4	65.0	33.2	33.9
Worst Pair	3,6	3,6	3,6	7,8
PS NEXT (dB)	12.1	10.9	15.2	15.9
Freq. (MHz)	2.1	2.1	206.0	248.0
Limit (dB)	62.0	62.0	31.6	30.2
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	7,8-3,6	3,6-7,8	7,8-3,6
ACR-F (dB)	6.8	7.1	7.1	7.4
Freq. (MHz)	214.5	215.0	247.0	246.5
Limit (dB)	16.6	16.6	15.4	15.4
Worst Pair	7,8	3,6	7,8	3,6
PS ACR-F (dB)	9.7	9.8	9.9	9.8
Freq. (MHz)	214.5	246.5	247.0	246.5
Limit (dB)	13.6	12.4	12.4	12.4
N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-4,5	3,6-7,8
ACR-N (dB)	11.9	10.3	21.4	18.2
Freq. (MHz)	23.8	2.0	248.5	233.5
Limit (dB)	40.5	62.0	-2.7	-0.9
Worst Pair	3,6	3,6	4,5	7,8
PS ACR-N (dB)	12.5	11.3	22.8	21.0
Freq. (MHz)	2.1	2.1	248.5	248.0
Limit (dB)	59.0	59.0	-5.6	-5.6
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	1,2	3,6	4,5
RL (dB)	9.4	8.2	9.8	9.2
Freq. (MHz)	3.6	2.6	186.0	195.0
Limit (dB)	19.0	19.0	9.3	9.1

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

