



Cable ID/ Test ID: PCF6-10CU-1500-S-002

Test Limit: ISO11801 Channel Class E

Limits Version: V7.11

Date / Time: 2026/06/17 09:10:41

Operator: Lanberg

Headroom 30.5 dB (NEXT 3,6-4,5)

Cable Type: *Cat6 S/FTP*

NVP: 68.0%

Main: Versiv

S/N: 24410021

Software Version: V6.14 Build 9

Calibration Date: 2025/05/28

Adapter: DSX-602 (DSX-CHA004)

S/N: 25073277

Test Summary: PASS

Remote: Versiv

S/N: 24250049

Software Version: V6.14 Build 9

Calibration Date: 2025/05/28

Adapter: DSX-602R (DSX-CHA004)

S/N: 25073276

Length (m), Limit 100.0	[Pair 1,2]	15.3
Prop. Delay (ns), Limit 555	[Pair 4,5]	77
Delay Skew (ns), Limit 50	[Pair 3,6]	2
Resistance (ohms), Limit 25.00	[Pair 3,6]	5.47
Insertion Loss Margin (dB)	[Pair 7,8]	28.5
Frequency (MHz)	[Pair 7,8]	250.0
Limit (dB)	[Pair 7,8]	35.9

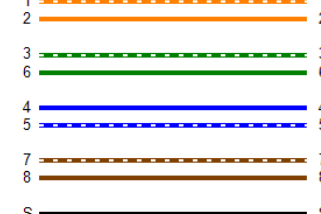


15.3 m

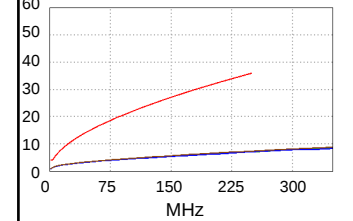


Wire Map (T568B)

PASS

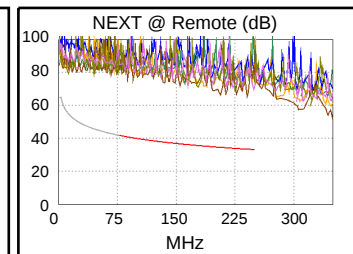
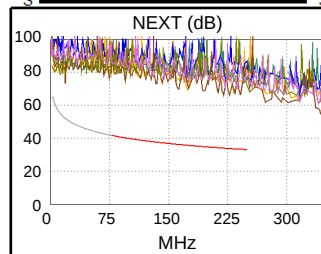


Insertion Loss (dB)

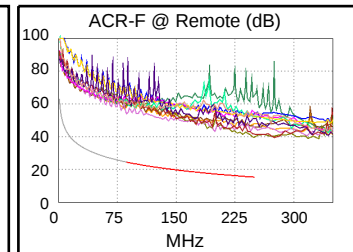
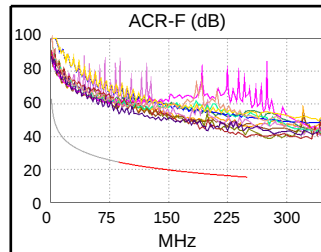


Worst Case Margin Worst Case Value

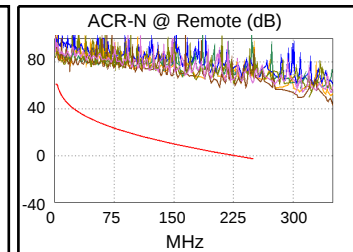
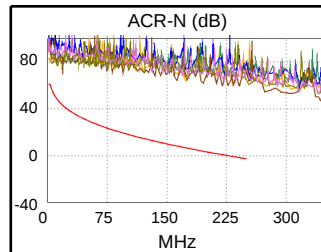
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	31.9	30.5	31.9	30.5
Freq. (MHz)	220.5	207.5	220.5	207.5
Limit (dB)	34.1	34.5	34.1	34.5
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	33.2	32.6	33.3	32.6
Freq. (MHz)	175.5	207.5	234.0	207.5
Limit (dB)	32.8	31.6	30.7	31.6



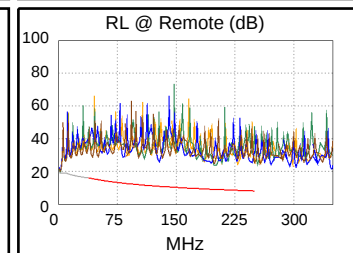
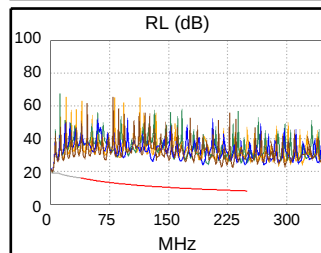
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	4,5-3,6	3,6-4,5
ACR-F (dB)	24.1	24.1	24.1	24.1
Freq. (MHz)	248.5	248.5	248.5	248.5
Limit (dB)	15.4	15.4	15.4	15.4
Worst Pair	3,6	4,5	3,6	4,5
PS ACR-F (dB)	25.6	26.9	25.6	26.9
Freq. (MHz)	250.0	248.5	250.0	248.5
Limit (dB)	12.3	12.4	12.3	12.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-4,5	3,6-4,5
ACR-N (dB)	19.9	22.7	59.0	60.5
Freq. (MHz)	3.1	1.0	220.5	240.5
Limit (dB)	60.8	61.0	0.6	-1.8
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	21.5	24.4	61.3	58.6
Freq. (MHz)	4.8	1.0	234.0	207.5
Limit (dB)	54.8	58.0	-4.0	-0.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	3,6
RL (dB)	12.2	13.1	14.2	13.3
Freq. (MHz)	43.0	43.0	231.5	200.0
Limit (dB)	15.7	15.7	8.4	9.0



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