



Cable ID/ Test ID: PCU6-10CU-0500-BK-001

Test Limit: ISO11801 Channel Class E

Limits Version: V7.11

Date / Time: 2026/05/11 10:53:33

Operator: Lanberg

Headroom 14.1 dB (NEXT 1,2-3,6)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

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]	5.0
Prop. Delay (ns), Limit 555	[Pair 3,6]	25
Delay Skew (ns), Limit 50	[Pair 3,6]	1
Resistance (ohms), Limit 25.00	[Pair 3,6]	1.39
Insertion Loss Margin (dB)	[Pair 1,2]	33.6
Frequency (MHz)	[Pair 1,2]	250.0
Limit (dB)	[Pair 1,2]	35.9

Worst Case Margin Worst Case Value

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-3,6	1,2-4,5	3,6-7,8
NEXT (dB)	14.4	14.1	14.9	16.0
Freq. (MHz)	49.0	97.0	146.0	199.5
Limit (dB)	45.2	40.2	37.1	34.8
Worst Pair	1,2	1,2	1,2	1,2
PS NEXT (dB)	15.6	14.3	15.7	14.4
Freq. (MHz)	147.5	149.5	148.0	150.5
Limit (dB)	34.2	34.1	34.1	34.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-1,2	1,2-7,8	7,8-1,2	1,2-7,8
ACR-F (dB)	21.1	21.2	21.1	21.2
Freq. (MHz)	250.0	250.0	250.0	250.0
Limit (dB)	15.3	15.3	15.3	15.3
Worst Pair	3,6	7,8	3,6	7,8
PS ACR-F (dB)	21.0	20.8	21.1	20.8
Freq. (MHz)	245.5	249.0	248.0	249.0
Limit (dB)	12.5	12.3	12.4	12.3

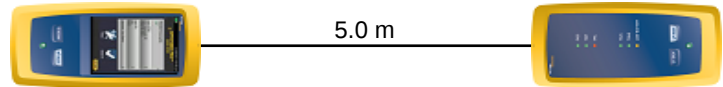
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-4,5	3,6-7,8
ACR-N (dB)	18.4	21.8	40.1	45.8
Freq. (MHz)	3.3	3.4	146.0	199.5
Limit (dB)	60.5	60.2	10.5	3.1
Worst Pair	1,2	1,2	1,2	1,2
PS ACR-N (dB)	19.9	21.9	40.9	39.8
Freq. (MHz)	3.9	3.3	148.0	150.5
Limit (dB)	56.6	58.0	7.3	6.9

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2	1,2	7,8	1,2
RL (dB)	5.6	5.4	10.1	10.4
Freq. (MHz)	5.5	6.6	231.0	246.5
Limit (dB)	19.0	19.0	8.4	8.1

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



Wire Map (T568B)

PASS



Insertion Loss (dB)

