AEM networks

Future Smart.

PROFESSIONAL CABLE TESTING, WITHOUT THE PREMIUM PRICE

CuBLU

CuBLU gives installers capability beyond basic verification testing without the cost and complexity of a higher end certification tool.



From the makers of the award-winning TestPro Certifier

Compact, rechargeable and easy to use, the CuBLU series delivers advanced cable testing without the cost and complexity of traditional certification tools. From cable verification and fault identification to cable tracing, voltage detection and test result documentation through the free UniBLU app, CuBLU helps installation teams work faster, diagnose problems more accurately and deliver more professional results.

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Field Diagnostics Beyond the Basics

Entry-level cable testers are often limited to basic continuity and wiremap verification. CuBLU goes further by bringing together advanced diagnostic capabilities in a compact, rechargeable, and cost-effective tester.

Features include fault identification, shield detection, tone generation and support for up to 16 remote IDs. CuBLU split-pair identification, voltage detection, II and III also provide cable length and resistance measurements via the UniBLU app, while CuBLU III includes PoE detection up to IEEE 802.3bt (up to 90 watts).

CuBLU's real advantage extends beyond affordability. It delivers a more professional testing experience, providing better diagnostics, clearer results and greater field productivity than many similarly priced testers.

App-Connected Documentation

CuBLU II and CuBLU III bring cable testing into a more modern workflow through Bluetooth connectivity and the free UniBLU app. Today's testing is about more than simply identifying faults. Installers increasingly need to demonstrate that work has been completed correctly and provide clear, documented evidence.

The UniBLU app allows users to save, review and export test results (PDF/CSV) directly from the field, creating a more efficient and professional workflow.

For contractors, this means better project handover, improved

greater customer confidence and traceability. Project managers benefit from increased visibility across site activity. For technicians, it eliminates manual note-taking, photographs of test screens and end-of-day paperwork.



PROFESSIONAL CABLE TESTING, WITHOUT THE PREMIUM PRICE | CUBLU

	Other Wiremap Testers	CuBLU	CuBLU II	CuBLU III
Wiremap testing	Limited types of wiremap faults	Open, short, split, miswire, crossover and multi-fault	Open, short, split, miswire, crossover and multi-fault	Open, short, split, miswire, crossover and multi-fault
Length and resistance	Rarely available	No	Length up to 120 meters + DC resistance per pair	Length up to 120 meters + DC resistance per pair
Max cable length for wiremap test	Less than 800 meters	800 meters	800 meters	800 meters
Loop/continuous test	Yes	Yes	Yes	Yes
Pass/fail on cable types	RJ45	RJ45	RJ45, RJ11, RJ12, M12, Coax	RJ45, RJ11, RJ12, M12, Coax
7-frequency tone generator	Yes	Yes	Yes	Yes
Voltage detection (60 V DC)	Rarely available	Available	Available	Available
PoE Detection	No	No	No	802.3bt (up to 90 watts)
Battery	AA/AAA	USB-C, rechargeable lithium-ion battery	USB-C, rechargeable lithium-ion battery	USB-C, rechargeable lithium-ion battery
Auto power-off + battery indicator	No	Yes	Yes	Yes
Display	LEDs or monochrome LCD	Color TFT LCD	Color TFT LCD	Color TFT LCD
Length, resistance and PoE results	Rarely available	No	In the UniBLU app	In the UniBLU app
Remote number display (×16)	Wiremap testing on up to 7 remote IDs	Wiremap testing on all 16 remote IDs	Wiremap testing on all 16 remote IDs	Wiremap testing on all 16 remote IDs
iOS and Android app	No	No	UniBLU app	UniBLU app
Test results saving	No	No	In UniBLU app	In UniBLU app
Project management, documentation and reporting	No	No	UniBLU app	UniBLU app
Cloud sync for team workflows	No	No	Yes	Yes

⚠ ***Never test cables connected to mains power (>60 V DC). CuBLU is designed for low-voltage structured cabling only.***

Built for Real Field Work

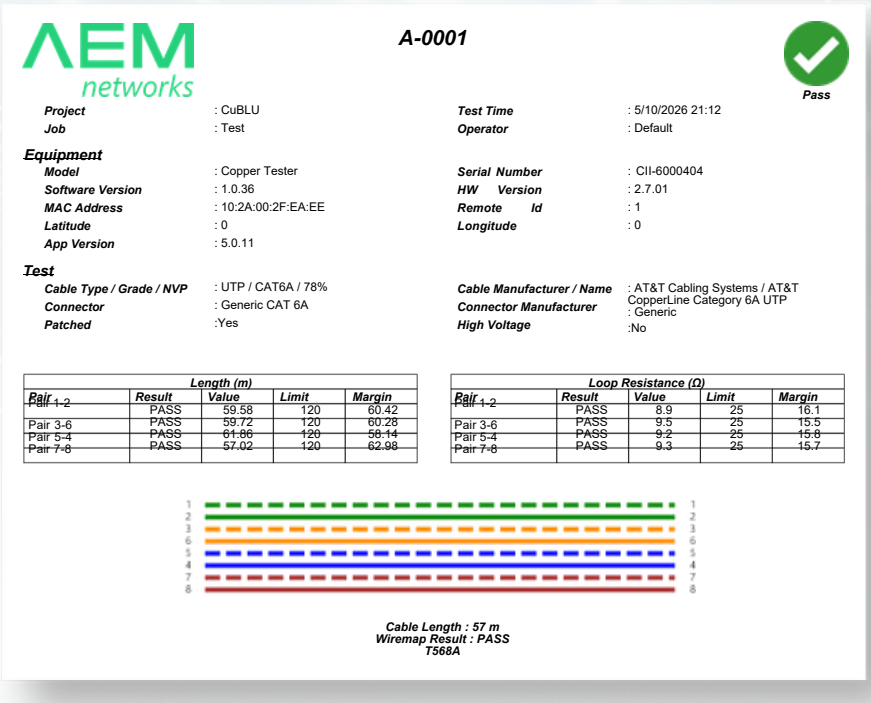
CuBLU is designed around the practical features that matter on-site.

The rechargeable 2,600 mAh battery eliminates the need for disposable batteries, while USB-C charging makes it easy to recharge using common chargers and power banks. A 45-hour battery life supports extended workdays and multi-day projects, while a compact design weighing just 197 grams makes the tester easy to carry from job to job.

CuBLU automatically checks for voltage before performing a wiremap test, alerting technicians to potentially energized cables. CuBLU III adds PoE detection, allowing users to identify powered Ethernet ports.

These practical design features help installers work faster, test more confidently and reduce interruptions in the field.





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A-0001

Pass

Project	: CuBLU	***Test Time***	: 5/10/2026 21:12
Job	: Test	***Operator***	: Default

Equipment

Model	: Copper Tester	***Serial Number***	: CII-6000404
Software Version	: 1.0.36	***HW Version***	: 2.7.01
MAC Address	: 10:2A:00:2F:EA:EE	***Remote Id***	: 1
Latitude	: 0	***Longitude***	: 0
App Version	: 5.0.11		

Test

Cable Type / Grade / NVP	: UTP / CAT6A / 78%	***Cable Manufacturer / Name***	: AT&T Cabling Systems / AT&T CopperLine Category 6A UTP
Connector	: Generic CAT 6A	***Connector Manufacturer***	: Generic
Patched	:Yes	***High Voltage***	:No

Length (m)

Pair	Result	Value	Limit	Margin
Pair 1-2	PASS	59.58	120	60.42
Pair 3-6	PASS	59.72	120	60.28
Pair 5-4	PASS	61.86	120	58.14
Pair 7-8	PASS	57.02	120	62.98

Loop Resistance (Ω)

Pair	Result	Value	Limit	Margin
Pair 1-2	PASS	8.9	25	16.1
Pair 3-6	PASS	9.5	25	15.5
Pair 5-4	PASS	9.2	25	15.8
Pair 7-8	PASS	9.3	25	15.7

Cable Length : 57 m
Wiremap Result : PASS
T568A

Cable Verification Test Report

UniBLU app connectivity allows technicians to save, review and export field test results, improving documentation, traceability and reporting.

KEY PRODUCT DIFFERENTIATORS

CuBLU combines advanced diagnostics, app-based documentation and practical field features to deliver a more professional testing experience than many comparably priced cable testers.



Wiremap Testing & Shield Detection CuBLU performs wiremap testing across all eight conductors while also verifying cable shielding. This helps technicians identify wiring faults before cables are patched, commissioned or handed over.



Rechargeable 45-Hour Battery

With up to 45 hours of runtime and convenient USB-C charging, CuBLU is designed for long workdays, multi-day projects and installation teams that cannot afford unnecessary downtime.



Resistance and Length Measurement

CuBLU II and III provide cable length measurements of up to 120 meters and DC resistance measurements per pair via the UniBLU app. These capabilities extend testing beyond simple pass/fail verification, providing technicians with more detailed information for troubleshooting and cable validation.



Color TFT LCD

Unlike many low-cost testers that rely on basic monochrome displays, CuBLU features a color TFT LCD for improved visibility. Results are easier to read and interpret, enabling faster decisions during installation and troubleshooting.



PoE Detection

CuBLU III provides PoE detection, allowing technicians to identify powered Ethernet ports before testing or connection.



UniBLU App-Based Documentation

CuBLU II and CuBLU III connect to the UniBLU app, allowing technicians to save, document and export test results directly from the field. This improves traceability, simplifies documentation and supports a more professional project handover.



Comprehensive Fault Detection

CuBLU identifies common fault types, including open, short, miswire, crossover, split-pair and multi-fault conditions. Detailed fault information helps technicians isolate problems and reduce troubleshooting time.



Up to 16 Remote IDs

CuBLU supports up to 16 remote IDs, with the selected remote number clearly displayed on the screen. This helps installers identify and verify multiple cable runs more efficiently across rooms, racks and patch panels.



Cable Tracing

Several selectable tone frequencies help technicians trace cables through bundles, walls, racks and patching areas. Compatible with standard toner probes, CuBLU makes cable identification faster and easier during installation and troubleshooting.



Cloud Sync & Collaboration

Synchronize test results to the cloud via the UniBLU app, enabling teams to collaborate seamlessly by accessing, sharing and managing documentation across multiple sites.

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Designed For Real-World Installations



Structured Cabling Installations

CuBLU is ideal for CAT5e to CAT8 installation and verification in offices, commercial buildings, warehouses and campus environments.

It helps installation teams work efficiently across multiple drops, patch panels and telecommunications rooms by identifying cabling issues, confirming connections and supporting consistent documentation for project handover.

Smart Buildings, Security and AV

Modern buildings rely heavily on IP cameras, cabling to control systems, displays, sensors and AV equipment.

CuBLU is well suited to these environments, combining wiremap testing, cable tracing, voltage detection and, with CuBLU III, PoE detection. App-based documentation also supports the traceability requirements of smart building and AV installations.

Data Centers

Disciplined cabling practices, accurate labeling and fast fault isolation across dense, constantly changing infrastructure.

CuBLU helps technicians trace connections, validate patching and quickly isolate cabling issues at rack level. It is particularly useful for moves, adds and changes, routine rack checks and day-to-day troubleshooting.

Electrical and Low-Voltage Installers

As electrical contractors increasingly take on data cabling, smart building and low-voltage installations, they need tools that provide more capability than a basic continuity tester.

CuBLU offers an accessible entry point into professional cable testing by combining essential verification, troubleshooting and diagnostic capabilities in a compact, portable and cost-effective platform.

Construction and Fit-Out Projects

In new construction and fit-out projects, identifying faults early helps prevent costly rework before walls, ceilings and cabinets are closed.

CuBLU helps installers check cabling during each stage of installation and resolve issues before they become harder to access. With CuBLU II and CuBLU III, app-based documentation can also support more professional project close-out and handover.

Enterprise IT and Facilities Teams

For internal IT and facilities teams, CuBLU provides a practical solution for everyday network support, patching changes and cable-related troubleshooting.

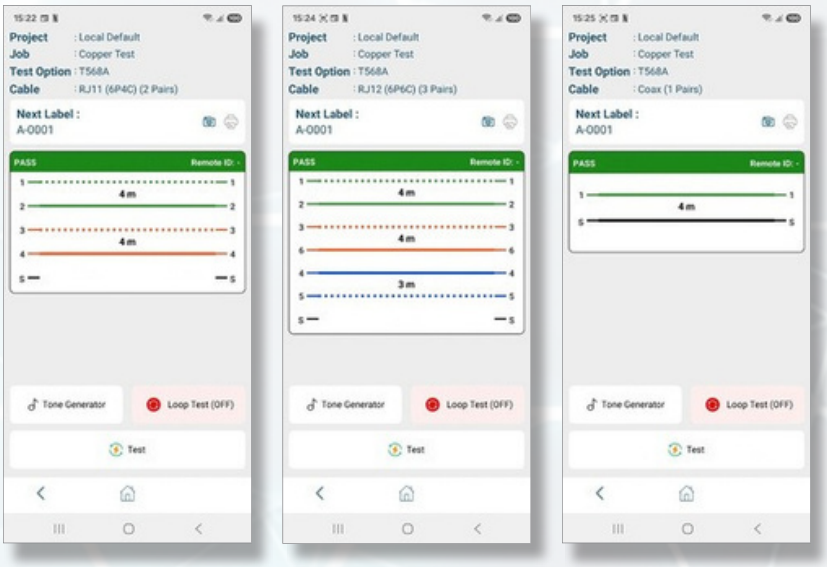
It helps teams investigate suspect connections, trace cabling during moves, adds and changes, and maintain clearer records across multiple sites through the UniBLU app.

Enhancing Everyday Cable Testing

CuBLU brings professional cable testing within reach of more installers, technicians and field teams.

By combining advanced diagnostics, practical field features and app-based documentation in a compact, affordable platform, CuBLU bridges the gap between full basic cable testers and certification tools.

For teams that need more than a wiremap tester but don't need the cost and complexity of a certifier, CuBLU delivers the ideal balance of capability, usability and value.



CuBLU II and III provide pass/fail testing across multiple cable types, including RJ45, RJ11, RJ12, M12 and coax.

CuBLU ORDERABLE PART NUMBERS

PART NUMBER	DESCRIPTION
CUBLU	CuBLU test unit with one remote unit (ID 1)
CUBLU-II	CuBLU II test unit and one remote unit (ID 1)
CUBLU-III	CuBLU III test unit, PoE test port, and one remote unit (ID 1)
CUBLU-REM1	1x CuBLU wiremap remote unit ID#1
CUBLU-REM16	Kit of CuBLU remote units IDs #1 through #16
CUBLU-CORD-KIT	• 2 x adapter cable RJ45-RJ12 (also suitable for RJ11) • 2 x adapter cable RJ45-Coax F • 2 x adapter cable RJ45-Alligator • 2 x RJ45 - RJ45 patch-cords • 1 x soft carry case
CUBLU-II-KIT	• One CuBLU II app-enabled copper wiremap tester • Remote IDs #1–16, for a complete set of 16 unique remotes • CUBLU-CORD-KIT (see above for contents) • USB-C charging cable & USB-C charger
CUBLU-III-KIT	• One CuBLU III app-enabled copper wiremap tester • Remote IDs #1–16, for a complete set of 16 unique remotes • CUBLU-CORD-KIT (see above for contents) • USB-C charging cable & USB-C charger
CUBLU-ACC-KIT	• 2x RJ45 patch cords • 1x USB-C charging cable • 1x USB-C AC charger • 1x soft carry case for the CuBLU main handset and remote unit(s)
CUBLU-TONE-PROBE	Probe for tracing cables with the CuBLU tone generator

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Technical Support

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