

LANTest and LANTest Pro CAT5e Tester/Analyzers

Calculate cable lengths quickly and identify cable faults along the way.



FEATURES

- » Determines cable length, identifies multiple faults, and shows clear Pass/Fail results on an LCD.
- » Tests for shorts, opens, miswires, reversals, and split pairs.
- » Built-in tone generator.
- » Cable test results are displayed in wire map format with a message line for shorts and split pairs.
- » Automatic start-up and shutdown: just plug both ends of the cable into the tester.

OVERVIEW

- Auto-on feature synchronizes the test cycle to the type of connected cable and delivers results in seconds.
- Wiremap, ID, and faults display on the alphanumeric LCD screen.
- Four modes of operation.
- Adjust the length constant by pressing up and down buttons.
- Tests CAT3, CAT4, CAT5, and CAT5e UTP and STP cables.
- Customize to your application. Set test criteria for shielded cables or set the length constant to test in meters.
- You can select which pins have tone and view an entire wire map on screen—features not found on comparable testers.
- For multipoint testing, order [LanTest Pro CAT5e Tester/Analyzer Kit \(TS875A\)](#), which includes eight remotes.
- You can also test coax cables with the adapters in the Kit.
- To trace tones, order the optional Network Probe (TS155-R3).

Leave troubleshooting guesswork to the amateurs. The BLACK BOX® LanTest provides precise cable measurements while it thoroughly probes network lines for faults.

Use this CAT5e tester/analyzer to determine the length and quality of new or installed premise wiring. Use it with unterminated patch cable, cable terminated at one end, or cable installed from an office jack to the patch panel.

LanTest powers on and begins testing automatically when it senses a connection to its remote unit. There's no waiting around for results, and there are no complex readouts to decipher. Your application's wiremap, ID, and faults appear on the alphanumeric LCD screen in seconds.

If the tested pinning meets TS568A/B wiring specifications, you'll see a PASS icon. But if there's a short or split pair, the tester displays a FAIL icon.

LanTest features four operating modes:

Cable Testing Mode—for testing with or without the remote attached. Without the remote, the tester inspects the line for shorts, opens, and split pairs (as a "pretest"). Used with the remote, LanTest tests for miswires and reversals, too.

Length Measurement Mode—calculates a cable's length by measuring its capacitance. To adjust the length constant, you simply press the unit's up and down arrow buttons. You can even measure each pair individually.

Tone Generator Mode—for selecting individual wires or pairs to carry one of four available tones. To trace tones, order a BLACK BOX® Network Probe (TS155-R3) with the LanTest.

Setup Mode—for customizing the tester's functions to your application, whether you want to set test criteria for shielded cables, deactivate the beeper, or set the length constant to test in meters.

What's included

LanTest CAT5e Tester/Analyzer (TS870A)

- ◆ (1) LanTest main unit
- ◆ (1) remote unit
- ◆ (2) 1-ft. (0.3-m) jumper cables
- ◆ (1) 9-V alkaline battery
- ◆ (1) carrying case
- ◆ (1) users' manual

LanTest Pro CAT5e Tester/Analyzer Kit (TS875A)

- ◆ (1) LanTest main unit
- ◆ (8) remote units
- ◆ (2) 1-ft. (0.3-m) jumper cables
- ◆ (1) RJ-45 to (2) alligator clips cable
- ◆ (2) RJ-45 to F coax adapters
- ◆ (1) 9-V alkaline battery
- ◆ (1) carrying case
- ◆ (1) users' manual

TECH SPECS

Cable Test Lengths — Maximum: 1500 ft. (457.2 m);
Minimum: For split pairs: 3 ft. (0.9 m); For pretest: 4 ft. (1.2 m)
Cable Types — Shielded or unshielded CAT3, CAT4, CAT5, CAT5e;
coax (with adapters attached)
Switch — To prevent the 20-second “no activity” power off, periodically press
the “fault check/tone” switch
Typical Alkaline Battery Life — Cable Testing: 120 hours (times are for
the full capacity of the battery used continuously in cable testing mode)
Connectors — TS870A, TS875A: (1) RJ-45 female
Temperature — Operating: 32 to 122°F (0 to 50°C);
Storage: -4 to +158°F (-20 to +70°C)
Humidity — 10 to 90%, noncondensing
CE Approval — Yes
Power — (1) 9-V alkaline battery
Size — 5.7”H x 2.9”W x 1.2”D (14.5 x 7.4 x 3 cm)
Weight (with battery installed) — 0.4 lb. (0.2 kg)

*NOTE: Technical specification weight is the unit weight. It is not
the packaged shipping weight. For shipping weight, please contact
Black Box customer service at 877-877-2269.*



TS870A



TS875A

Item	Code
For testing cable to a single point, order... LANTest CAT5e Tester/Analyzer (1 Remote)	TS870A
For multipoint testing, order... LANTest Pro CAT5e Tester/Analyzer Kit (8 Remotes)	TS875A
For tracing tones, order... Network Probe	TS155-R3

Why Buy From Black Box? Exceptional Value. Exceptional Tech Support. Period.

Recognize any of these situations?

- You wait more than 30 minutes to get through to a vendor’s tech support.
- The so-called “tech” can’t help you or gives you the wrong answer.
- You don’t have a purchase order number and the tech refuses to help you.
- It’s 9 p.m. and you need help, but your vendor’s tech support line is closed.

According to a survey by *Data Communications* magazine, 90% of network managers surveyed say that getting the technical support they need is extremely important when choosing a vendor. But even though network managers pay anywhere from 10 to 20% of their overall purchase price for a basic service and support contract, the technical support and service they receive falls far short of their expectations—and certainly isn’t worth what they paid.

At Black Box, we guarantee the best value and the best support. You can even consult our Technical Support Experts before you buy if you need help selecting just the right component for your application. Don’t waste time and money—call Black Box today.