

LAN Solution Network Tester



LAN Solution Network Tester Kit (TS565A)

Key Features

- ▶ Tests cable and monitors and corrects network problems with Physical Layer and link conditions.
- ▶ Checks for opens, shorts, miswires, and split pairs when doing simple testing with the tester and remote.
- ▶ Identifies port services.
- ▶ Reports network speed and the location and capabilities of network equipment.
- ▶ PINGing function verifies connections to devices and queries NICs.
- ▶ Detects "Ethernet phantom power." Reports current of analogue phone lines. Is able to map to its remotes while cable testing.
- ▶ Test up to eight connections with the kit.

Using the Network Tester as a Physical Layer device, you get high-end cable testing functions and a length-measurement device that monitors and corrects network problems with Physical Layer and link conditions.

The Network Tester identifies port services like Ethernet, ISDN, POTS, and Token Ring. At the same time, it reports information such as network speed and the location of switches and other network devices as well as their capabilities. The unit's

PINGing function verifies connections to network devices and also queries NICs in the network's PCs.

Unique functions include the ability to detect "Ethernet phantom power" per IEEE 802.3af specifications. The Network Tester can also report current and voltage capabilities of analogue phone lines, plus it can map to its remotes while cable testing.

Specifications

Battery Life — Standby Mode: 2.5 years;

Cable Testing Mode: 50 hours (continuous);

Network Testing Mode: 12 hours (continuous)

Cable Test Lengths —

CAT5, CAT5e, CAT6: Maximum length: 457.2 m;

Testing single-ended cable:

Minimum length: 1.2 m;

Testing split-pair cable: Minimum length: 0.3 m

Cable Types — Shielded or unshielded

CAT3, CAT5, CAT5e, CAT6; coax (with coax connectors attached)

Operating Environment — Temperature:

0 to 50° C;

Humidity: 10 to 90% noncondensing

Size — 15H x 7.4W x 3.3D cm

Weight — With battery: 0.2 kg

What's Included

Tester

- LAN Solution Network Tester
- (1) remote
- (2) 30.5-cm RJ-45/alligator-clip cable assemblies
- (2) 30.5-cm UTP cables with RJ-45 connectors
- (2) 19.1-cm cable assemblies with no-fault RJ-12 connectors for RJ-11 and RJ-45 jacks
- (1) carrying case
- (1) 9-V alkaline battery

Tester Kit

All the above plus:

- (8) remotes
- (1) tone tracer
- (2) RJ-45-to-F coax connectors

Buyer's Guide

Tester Features

Adjust Length Constant	Yes
Backlight on Display	Yes
Characters per 2 LCD Display Lines	16
Complete Wire Mapping	Yes
DHCP and Manual Addressing	Yes
Different Sounding Tones	4
Different Tone if No Link	Yes
Display Has Icons	Yes
Display Type	LCD
Identifies More than 1 Pair	Yes
Identifies Remote(s) While Testing	Yes
Length Measurement Methods	
Capacitance	
Link Pulses	Yes
Reports Hub/Switch Phantom Power	Yes
Reports Phone Voltage	Yes
Reports Type of Phone Line	Yes
Reports Voltage Values/Map	Yes
Scroll Keys to Set IP Address	4
Selects Which Pins Have Tone	Yes
Tests for Cable Shield	Yes
Tone While Blinking Hub Light	Yes

Ordering information

ITEM

CODE

LAN Solution Network TesterTS560A
 LAN Solution Network Tester KitTS565A

Black Box Network Services - The world's largest network services company

We are, with 25 years of experience, the world leader in network infrastructure services.

On the Phone — no charge, answer calls in less than 20 seconds, find the right product with our technical experts.

On-site — superior design and engineering, Certified installations, end-to-end service.

On-line — receive technical knowledge on-line, including technology overviews, Black Box Explains and the Knowledge Box.

Most comprehensive TECHNICAL SUPPORT — our best Product! Free hotline TECH SUPPORT!

The world's best customer service — Custom design services and products, the best warranties, money-saving discount programs.

BLACK BOX exclusives — Certification Plus. Guaranteed-for-life products and services.