



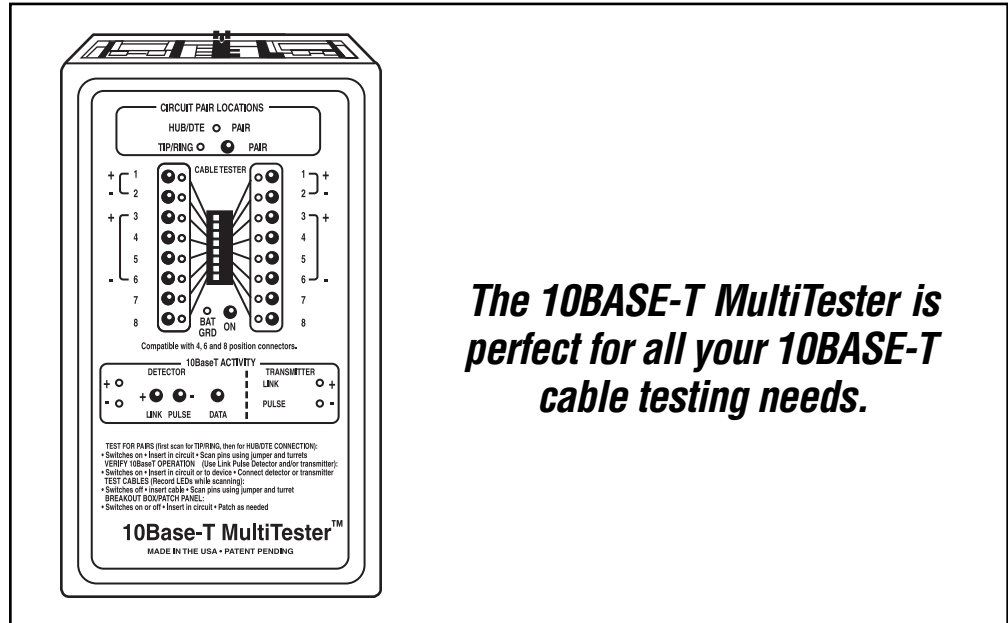
BLACK BOX[®]

NETWORK SERVICES

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Black Box Corporation • 1000 Park Drive • Lawrence, PA 15055-1018 • Tech Support: 724-746-5500 • www.blackbox.com • e-mail: info@blackbox.com

10BASE-T MULTITESTER



The 10BASE-T MultiTester is perfect for all your 10BASE-T cable testing needs.

Key Features

- ▶ **Gold-plated turret posts provide access to all connector leads.**
- ▶ **Compatible with both voice and data plugs.**
- ▶ **8-position DIP switch turns any signal on or off.**
- ▶ **21 LEDs show a wealth of information: data, link, and pulse, all wiring configurations, and more.**
- ▶ **Link pulse generator simulates a 10BASE-T device.**
- ▶ **Hub/DTE Locator LED shows Hub or DTE connection.**

This tiny 10BASE-T MultiTester™ lets you test any cable that meets the 10BASE-T standard for Ethernet. It's a cable tester, breakout box, a patch panel, a link pulse detector, and a link pulse transmitter, a hub/DTE locator, and a tip/ring locator, all in one.

As a cable tester, the 10BASE-T MultiTester displays the exact pinouts of a connecting cable regardless of wiring configuration. You can even test installed cable, with two 10BASE-T MultiTester units.

As a breakout box, the Tester has 16 gold-plated turret posts for access to connector leads.

As a patch panel, it lets you test new cabling combinations quickly, using switches and patch cords.

As a link pulse detector, it traces a device's link pulse through the wiring maze.

As a link pulse transmitter, the Tester simulates a hub port or computer.

You can scan the pins for the presence of a hub or DTE, using the Tester's hub/DTE locator function.

And as a tip/ring locator, it helps you detect any telephone tip/ring levels on the twisted-pair cable, and the pin locations of those levels.

Typical Applications

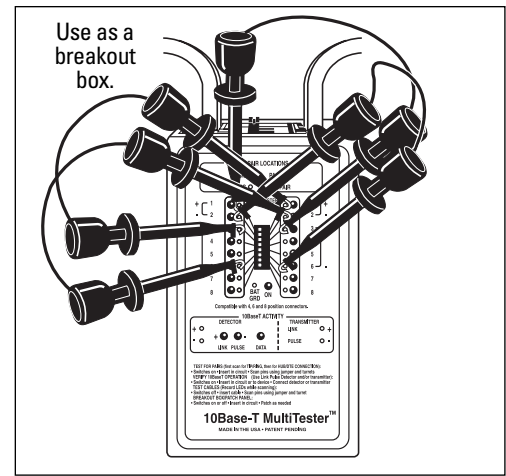
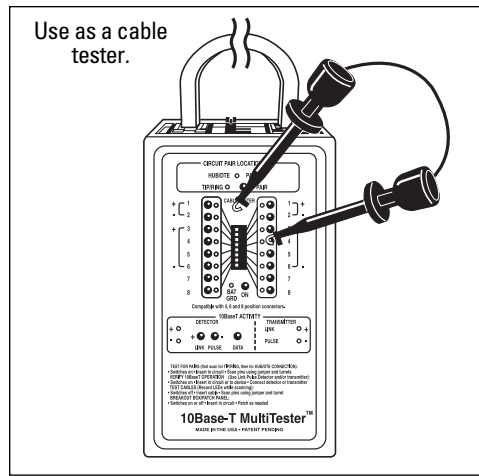
Check new spools of cable for continuity.

With the Bounce-Back Unit accessory (TS116), check installed cable for continuity.

Track down wiring problems by tracing a device's link pulse.



Use the 10BASE-T MultiTester as a cable tester or a breakout box.



Specifications

Indicators: 21 LEDs:
 (16) Multiple Cable Testing,
 (1) Link, (1) Pulse,
 (1) Data, (1) Tip/Ring,
 (1) Power On

Connectors: (2) RJ-45 female

Power: 9-volt battery (included)

Size: 4.5"H x 2.8"W x 1"D
 (11.4 x 7.1 x 2.5 cm)

Weight: 0.3 lb. (0.1 kg)

Technically Speaking

The 10BASE-T MultiTester has 21 LEDs:

- 16 Multiple Cable Testing LEDs display all wiring configurations, including shorts or bridging.
- The Link, Pulse, and Data LEDs display the presence of data and link pulse.
- The Tip/Ring LED displays presence of a telephone Tip/Ring.
- The Power On LED lights when the Tester receives power.

Other Features

- **Cable Tester:** the Tester's LEDs light when a pin in one connector is wired to a pin in the other connector. Use a single Tester to check a spool of new cable or add the TS116 Bounce-Back Unit to check already installed cable.
- **Breakout Box:** the Tester can modify the twisted-pair cable configuration to test interfaces. 10BASE-T devices use Pins 1, 2, 3, and 6.


- **Link Pulse Detector:** the Tester helps you confirm that each twisted-pair device is sending link pulses.
- **Link Pulse Transmitter:** the Tester simulates a link pulse generating device.
- **Hub/DTE detector:** the Tester locates network connections.

Additional equipment you may need

- 10BASE-T Patch Cable
- 4-Pair Telco Bulk Cable
- MMP Connector
- Modular and RJ Crimping Tools

The Complete Package

- 10BASE-T MultiTester
- Carrying Case
- 9-volt battery
- 4 Jumper Clips
- User's Manual



Black Box offers the best warranty program in the industry—Fido Protection®. For more information, request **FaxBack 22512**.

Ordering Information

ITEM	CODE
10BASE-T MultiTester	TS130
<i>You may also need...</i>	
Bounce-Back Unit.....	TS116

