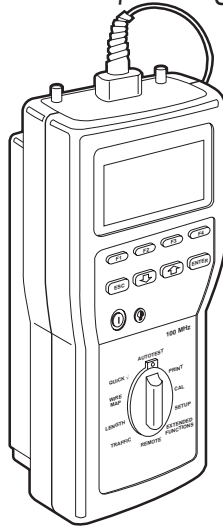




# BLACK BOX<sup>®</sup>

## NETWORK SERVICES

SCAN-LAN V Two-Way, SCAN-LAN Vt, FIBERoptic Performance Module, and FIBERoptic Light Source



*Two-Way Tester gives you everything you need to certify Category 5 cable.*

### Key Features

- ▶ Tests both cable ends.
- ▶ Complies with Level II TSB-67.
- ▶ Stored test results can be downloaded to PC or printer.
- ▶ Easy to use.
- ▶ Runs on alkaline AA cells or an NiMH battery pack.
- ▶ 3 Optional Performance Modules are available—each with plug-and-play design.
- ▶ Add a Module to test fiber.
- ▶ Use the SCAN-LAN Vt as a walkie-talkie—communicate over the test link!

### Overview

An innovative circuit design in this Two-Way Tester provides you with the information you need. It eliminates the measurement problems of older 100-MHz cable testers. For your copper lines, use the SCAN-LAN V. If you want to check your fiber cables, attach the FIBERoptic Performance Module to the SCAN-LAN V.

SCAN-LAN V and SCAN-LAN Vt Fully compliant with Level II TSB-67, SCAN-LAN tests wire map, length via TDR, NEXT, and attenuation. With matching Tester Units you and a partner can perform automatic bidirectional NEXT measurements for both Basic Links and Channels—without external adapters.

Test results are displayed with a simple Pass/Fail message. There are no codes to decipher or jargon to figure

out. Detailed test results are available at the touch of a button.

SCAN-LAN stores up to 1000 tests. Each includes a user-assigned circuit ID number, company name, and date. Each test can be downloaded to a PC or printer for reporting purposes—without special software.

SCAN-LAN is easy to use, too. Certifying cable takes just two easy steps:

1. Turn SCAN-LAN's dial to Autotest.

2. Read the test results. There are no keypads or multilayer menus to deal with.

SCAN-LAN gets its power via an ordinary set of eight alkaline batteries (included). Or you can order an optional NiMH Battery Pack.

Critical circuitry in the Optional Performance Modules determines instrument residual crosstalk and output signal balance. Best of all, when the new 100-MHz test

requirements are developed, performance Modules can be designed to accommodate them.

Each SCAN-LAN V unit contains:

- (2) two-way tester units
- (2) RJ-45 Modular Plug Performance Modules
- (1) set of 8 alkaline batteries
- (1) PC interface cable
- (1) field-calibration standard
- (1) 120-VAC power adapter
- (1) user's manual
- (1) nylon carrying case.

An extra carrying case is also available.

The SCAN-LAN Vt features everything listed above, *plus* it has a built-in talk set. A pair of earphones are included, and the volume controls and microphones are built into the handset. The unit automatically discovers suitable wire pairs for voice communications.

*(This Overview is continued on the next page.)*

**Overview (continued)**

**FIBEROptic Performance Module**

This module enables you to test copper and fiber with the same tester. Just plug the module into the top of the SCAN LAN V.

**FIBEROptic Light Source**  
 You can use the FIBEROptic Performance Module with almost any fiberoptic light source, but the experts at Black Box recommend the FIBEROptic Light Source for getting the most accurate test results.

**FIBEROptic Kit**  
 Buy the FIBEROptic Performance Module with the Light Source and save.

**Specifications**

SCAN-LAN Two-Way and SCAN-LAN Vt  
**Controls** — (1) pushbutton function/control key; 10-position Test-Selector dial

**Connectors** — (1) DB9 male RS-232 port, (2) RJ-45 female; Optional Modules: (1) RJ-45 female, (1) RJ-45 male, or (1) BNC

**Indicators** — Alphanumeric/graphic LCD window

**Power** — 120-VAC, 60-Hz charger, or 8 AA alkaline rechargeable battery pack (NiMH battery pack may be ordered separately)

**Size** — 9.8"H x 3.8"W x 2.3"D (24.9 x 9.7 x 5.8 cm)

**Weight** — 1.9 lb. (0.9 kg)

FIBEROptic Performance Module  
**Accuracy** — ±0.2 dB

**Range** — +3 to -55 dB/m

**Resolution** — 0.1 dB

**Wavelengths** — 850, 1300, 1550 nm

**Connectors** — (1) ST\*

**Power** — From SCAN-LAN V

**Size** — Fits inside SCAN-LAN V

**Weight** — <1 lb. (<1 kg)

FIBEROptic Light Source:

**Output** — >-20 dBm

**Source** — LED

**Wavelengths** — 850, 1300 nm

**Connectors** — (2) ST

**Power** — (1) 9-V battery

**Size** — 3.8"H x 2.4"W x 1"D (9.7 x 6.1 x 2.5 cm)

**Weight** — 0.3 lb (0.1 kg)

**For these and other components...**

Call our expert Technical Support Staff for all your Test Equipment needs. They'll help you find the best equipment for your application.

**Ordering Information**

This information will help you place your order quickly.

PRODUCT NAME	ORDER CODE
SCAN-LAN V Two-Way .....	TS690A
Optional Performance Modules	
Modular Plug.....	TS691
Modular Jack.....	TS692
Coax Module .....	TS693
Battery Pack (NiMH) .....	TS694
Extra Carrying Case .....	TS695
FIBEROptic Performance Module.....	TS696A
FIBEROptic Light Source .....	TS697A
FIBEROptic Kit (Performance Module and Light Source).....	TS698A
SCAN-LAN Vt.....	TS699A