FLUKE networks

OMNIScanner® LT Cable Tester

Powerful cable certification solution for every budget

The OMNIScanner® LT meets your technology needs and your budget requirements for testing, certifying and documenting copper and fiber networks. That's because the LT version has the same digital technology as the OMNIScanner2, but without some of the "extras," making it the most affordable solution you can find.

The OMNIScanner LT provides advanced certification for Cat 5/5e/6 cabling links to 300 MHz delivering unprecedented Level III accuracy. Its superior diagnostics precisely pinpoint faults, while identifying specific connection failures, saving you hours of wasted troubleshooting time. You can test cable compliance with the current TIA/ISO/IEC cabling standards and add powerful adapters like the OMNI-LIA101S Permanent Link Adapter or OMNIFiber MM or SM Adapters for superior test capability .

The OMNIScanner LT features:

- Certification for Cat5/5e/6 cabling links
- Support up to 300MHz bandwidth for testing Category 6/Class E links
- S-Bands diagnostics for precise fault location
- Intuitive graphical interface for maximum technician productivity
- Pre-installed manufacturer-specific cable libraries
- Compliance with TIA/ISO/IEC cabling standards
- The ability to easily manage and document copper and fiber links with new LinkWare™ Software

From beginning to end of the network testing process, OMNIScanner LT accelerates your work, simplifies your tasks and delivers higher productivity to your bottom line.

Speed your testing cycle

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Easy set-up

The vendor-specific cable libraries in OMNIScanner LT make setting up and executing your test operations easy. Regardless of the type of cable you are certifying, OMNIScanner LT speeds through the required test with ease.

Digital test technology

Built on a digital platform, the OMNIScanner LT ensures compliance with new standards as they are approved. So when you purchase an OMNIScanner LT, you know that your investment is future-ready. The OMNIScanner LT processes the measurement results with Digital Signal Processing technology. This measurement method has proven to exceed all other methods for accuracy and repeatability. What does this mean for you? You'll get the same answer every time. The OMNIScanner LT rivals the accuracy of laboratory test equipment.

Pinpoint accuracy

You, your customer and your cable manufacturer will all be reassured by the laboratory standard accuracy of the OMNIScanner LT - five times more precise than the Level III standards. Fluke Networks' patent pending S-Bands™ diagnostics can save hours of confusion about network problems by instantly identifying (or eliminating) specific connection failures.

Fiber is a snap

Transforms the OMNIScanner LT into a powerful fiber optic tool for testing and certifying multimode and singlemode premise fiber networks. The one-button Autotest and simultaneous dual-wavelength measurement of two fibers is the most productive and reliable method for testing fiber links. Choose from two adapters: the LED-based OMNIFiber MM adapter is perfect for multimode fiber networks, while the laser-based OMNIFiber SM adapter certifies singlemode fiber.

Technical Data

Look to OMNIScanner® LT for entry-level cable certification.

Model	Items Included
8280-00	**OMNIScanner® LT Digital Cable Analyzer**
	Includes OMNIScanner® LT Main and Remote, LinkWare Software, DB9M to DB9FM Serial Cable (1), Set Reference Adapter (1), Cat 6/5e Permanent Link Adapters (2), Soft Carrying Case and User Manual
Options	
8223-07	**OMNIFiber MM** (62.5 µm cables)
	Attaches to all OMNIScanner® Series models; uses LED light sources at 850 nm and 1300 nm; measures loss and length up to 2,000 meters
	Includes OMNIFiber MM adapters (2), ST interchangeable connector adapters (2), ST/ST duplex patch cables 62.5 µm multimode, 2 meter (2), ST/ST adapters (2) and Quick Start Guide
8223-11	**OMNIFiber SM**
	Attaches to all OMNIScanner® Series models; uses laser light sources at 1310 nm and 1550 nm wavelengths; measures loss and length up to 16,000 meters
	Includes OMNIFiber SM adapters (2), ST interchangeable connector adapters (2), ST/ST duplex patch cables 9 µm singlemode, 2 meter (2), ST/ST adapters (2) and Quick Start Guide
Accessories	
OMNI-LIA101S	**Universal Permanent Link Interface Adapters** (set of 2)
	Includes two interface adapters that plug into the high-performance connector of the OMNIScanner2™ and one set of Cat 6 Personality Modules to test Cat 6, Cat 5e, and Cat 5 links.
OMNI-LIA101	**Universal Permanent Link Interface Adapter** (one adapter)
	One interface adapter that plugs into the high-performance connector of the OMNIScanner2.
DSP-PMxx	**Universal Permanent Link Personality Modules**
	Optional set of personality modules; go to www.flukenetworks.com/pmmatrix to choose the Personality Module that best fits your needs
8262-42	**OMNIScanner Channel Adapter** (one adapter)
8262-43	**Permanent Link Adapters** (one adapter)
8262-40	**TERA Class F Permanent Link Adapte**r (1)
8262-47	**GG45 Class F Permanent Link Adapter**
8002-10	**OMNIScanner Power Supply Kit**
8222-01	**OMNIScanner Battery Pack, NiCad**
8222-09	**OMNICoax Adapter**
8051-02	**OMNI Office Locator Kit**
1450-0016-01	**OMNIScanner Carrying Case**

OMNIScanner Series Selection Guide

	OMNIScanner LT	OMNIScanner2
Standard OMNIScanner Package*	•	•
Cat 6/5e OMNI-LIA101S Permanent Link Adapters with PMO6 Personality Modules	Optional**	•
Cat 6/5e Channel Adapters	•	•
USB Port		•
MultiMedia Card		•
LCD Display	Low Contrast	High Contrast, Backlit
Battery Life	8 Hour NiCAD	10 Hour NiMH Battery
LinkWare Cable Test Management Software	•	•

* *Standard OMNIScanner package Includes Main and Remote, LinkWare Software, AC Adapter/Chargers (2), DB9M to DB9FM Serial Cable (1), Soft Carrying Case, Quick Reference Guide and User Manual CD.*

** *OMNIScanner LT ships with non-universal Cat 5e Permanent Link Adapters (does not include removable personality modules)*

Reporting

Linkware™ Software makes it easy to manage and print the rich text data, to ensure the quality of the installation and performance. Instantly access, organize and merge results for the entire network with the OptiFiber Certifying OTDR or the DSP Series cable tester.

Fluke Networks delivers Network SuperVision

Fluke Networks is committed to providing innovative Network SuperVision Solutions™. From innovative products and tools that comply with standards, to responsive service and training to help you grow your business, Fluke Networks will help you keep pace in today's fast moving, networked world by keeping our eye on the future for you. That's Network SuperVision. That's Fluke Networks' promise to you.

NETWORK SUPERVISION