

# OMNIScanner®2 Digital Cable Tester

## Advanced Certification for Premium Network Testing

*New cables. New standards. New challenges. That's the world of network testing today. As for tomorrow, the only certainty is even more rapid growth.*

*Fluke Networks helps you keep the pace in this ever-evolving industry with innovative Network SuperVision Solutions™ for certifying high-performance cabling systems. The OMNIScanner2 provides advanced certification for Cat 5/5e/6/7 cabling links to 300 MHz using an extendable digital platform that ensures unprecedented Level III accuracy. With fast Autotest times, powerful diagnostics, intuitive graphical interface and customizable solutions to support a wide range of testing needs, look no further than the OMNIScanner2.*

## Features

- Certifies Category 5, 5e, 6 and 7 cabling up to 300 MHz
- Complies completely with the latest TIA/ISO/IEC standards
- Instantly pinpoints specific connection failures with S-Bands™ diagnostics
- Features a dynamic range of 100 dB to accurately measure the faintest signals
- Has manufacturer-specific cable libraries pre-installed
- 32MB MultiMediaCard flash stores 400 graphical full color Cat 6 link test results
- Supports lightning-fast download times through a USB port
- Tests for Long Reach Ethernet
- Stores full graphical data for all measurements

## Speed your testing cycle

From beginning to end of the network testing process, OMNIScanner2 accelerates your work, simplifies your tasks and delivers higher productivity to your bottom line.

## Easy set-up

The vendor-specific cable libraries in OMNIScanner2 make setting up and executing your test operations easy. Regardless of the type of cable you are certifying, OMNIScanner2 speeds through the required test with ease.

## Easy on-site use

Simple, intuitive controls and commands make training your technicians easy. They will appreciate the clear display, the tough protective casing and the new long-lasting NiMH batteries. MultiMediaCard flash storage, stores up to 10,000 tests and will keep your team working without interruptions.

## Pinpoint accuracy

You, your customer and your cable manufacturer will all be reassured by the laboratory-standard accuracy of the OMNIScanner2—five times more precise than the proposed Level 3 standards. Fluke Network's patent-pending S-Bands™ diagnostics can save hours of confusion about network problems by instantly identifying (or eliminating) specific connection failures.

## Faster uploads

OMNIScanner2 is enabled for high-speed USB connection to your computer. With our free software, you will be able to transfer test results at breakneck speed to your PC.

## Color graphic reports

The PASS report is the end-product your customer or management is looking for. This professional color graphic report that tells the whole test story at a glance. You can even insert your logo so that your good workmanship carries your own name.



## Fiber is a snap

The OMNIScanner2 is more than the industry's leading copper cable tester — it's the premier fiber tester, too. Just snap on one of the handy adapters (sold separately) and you're holding the powerful OMNIFiber. The one-button Autotest for the OMNIFiber MM and SM units measures length, loss and propagation delay. They provide simultaneous measurements on both transmit and receive fibers. With the OMNIFiber you can conduct bi-directional measurement without exchanging units, saving time out in the field.

The OMNIScanner2's ability to test fiber, copper and coaxial networks means higher productivity, lower cost and greater profitability.

## Reporting

Linkware™ Software makes it easy to manage and print rich test data, to ensure the quality of the installation and performance. Instantly access and organize your results and create professional reports that meet new certification demands, impress your customers and give yourself a competitive edge. Merge results for the entire network with the OptiFiber Certifying OTDR or the DSP Series cable tester.



## Ordering Information

Model	Items Included
8260-00	<b>OMNIScanner®2 Digital Cable Analyzer</b> Includes OMNI Main and Remote, Linkware™ Software, Cat 6/5e Permanent Link Adapters (2), Cat 6/5e Channel Adapters (2), PM06 Personality Modules (2), AC Adapter/Chargers (2), DB9M to DB9FM Serial Cable (1), Soft Carrying Case, Quick Reference Guide and User Manual
8280-00	<b>OMNIScanner® LT Digital Cable Analyzer</b> Includes OMNIScanner® LT Main and Remote, LinkWare™ Software, DB9M to DB9FM Serial Cable (1), Mod 8 Adapters (2), Mod 8 Test Cables (2), Soft Carrying Case and User Manual
<b>Options</b>	
8223-07	<b>OMNIFiber MM (62.5 µm cables)</b> 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	<b>OMNIFiber SM</b> Attaches to all OMNIScanner® Series models; uses laser light sources at 1310 nm and 1550 nm wave lengths; 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
<b>Accessories</b>	
OMNI-LIA101S	<b>Permanent Link Adapter Set with Cat 6 Personality Modules</b> Includes two interface adapters that plug into the high performance connector of the OMNIScanner2 and one set (2) of the PM06 Cat 6 centered Personality Modules (Cat 6 8-pin modular plugs) to test Cat 6, Cat 5e, Cat 5 and Cat 3 links
OMNI-LIA100S	<b>Permanent Link Adapter Set</b> Includes two interface adapters that plug into the high performance connector of the OMNIScanner2. Does not include any Personality Modules. To order the desired Personality modules, consult <a href="http://www.flukenetworks.com/pmmatrix">www.flukenetworks.com/pmmatrix</a> .
OMNI-LIA101	<b>Permanent Link Adapter (1)</b> Includes one replacement adapter that plugs into the high performance connector of the OMNIScanner2. Does not include any Personality Modules. To order the desired Personality modules, consult <a href="http://www.flukenetworks.com/pmmatrix">www.flukenetworks.com/pmmatrix</a> .
DSP-PM06	<b>Cat 6 Centered Personality Module</b> PM06 is the first centered, shielded plug to test Cat 6 compliance and interoperability. This global test solution supports all UTP, FTP and ScTP cabling systems (Cat 3, Cat, 5, Cat 5e and Cat 6). Approved by major connectivity manufacturers, for complete list go to <a href="http://www.flukenetworks.com/pmmatrix">www.flukenetworks.com/pmmatrix</a>
8262-01	<b>OMNIScanner Channel Adapter (one adapter)</b>
8002-10	<b>OMNIScanner Power Supply Kit</b>
8262-41	<b>OMNIScanner2 Battery Pack</b>
8222-09	<b>OMNICOAX Adapter</b>
8262-34	<b>OMNI 32MB MultiMediaCard</b>
8262-35	<b>OMNI MultiMediaCard Reader (Parallel)</b>
8262-36	<b>OMNI MultiMediaCard Reader (USB)</b>
8262-37	<b>OMNI USB Cable, A/B, 6 FT</b>
8051-02	<b>OMNI Office Locator Kit</b>
C791	<b>OMNIScanner2 Carrying Case</b>

## 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

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**Fluke Networks** operates in more than 50 countries worldwide. To find your local office contact details, go to [www.flukenetworks.com/contact](http://www.flukenetworks.com/contact).

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