



Copper and Fiber Certification

Cat 6 Certification Solutions: DSP-4300, OMNIScanner®2

DSP-4300 and OMNIScanner2:

- Exceeds spec requirements for Cat 5, Cat 5e and Cat 6 with Level III Accuracy
- Superior diagnostics make troubleshooting fast and easy
- Fiber test adapters for multimode and singlemode network certification
- Internal and removable memory
- Category 6 Permanent Link and Channel support standard
- Ruggedly built for demanding field use
- Manage and document results with LinkWare™ Cable Test Management Software



DSP-4300

DSP-4300 Digital CableAnalyzer™ – Unique Features

- Built in headset for communicating to the other end
- Available VCSEL fiber adapter for verifying Gigabit Ethernet applications
- Traffic monitor for 10/100 BASE-T networks
- Includes Universal DSP-LIA101S Permanent Link Adapter standard



8260-00

OMNIScanner2 Digital Cable Analyzer – Unique Features

- Comprehensive cable library grouped by manufacturer assures accurate length results
- Project-based user interface to maximize field productivity
- Customizable autotests and limit lines give you freedom to meet changing requirements
- USB port for lightning fast downloads

Fiber Certification Solutions: OptiFiber™, DSP Fiber Adapters, OMNIFiber®, CertiFiber®

OptiFiber™

- Certify fiber with integrated Auto OTDR analysis, automated loss and length measurements and fiber endface inspection
- Diagnose fiber with integrated ChannelMap™, Auto OTDR and fiber endface inspection
- Enhance visibility into multimode premise, campus and metro networks with 1-meter event deadzones
- Manage and document results with LinkWare™ Cable Test Management Software
- Boost productivity with an easy-to-use interface and small, lightweight design
- Ruggedly built for demanding field use
- Protect your investment with a modular platform that keeps you ahead of new industry and customer certification requirements



OF-500-20 (Certifying OTDR)
OF-500-02 (Advanced OTDR)
OF-500-01 (OTDR)

DSP-FTA and OMNIFiber Test Adapters:

- Convert your DSP-4300 and OMNIScanner2 into a powerful fiber certification tool
- Tests two fibers at two wavelengths in a single automated operation
- Measures fiber length and optical loss for multimode and singlemode certification
- Provides1 clear PASS or FAIL indication with automated results analysis
- Enable bi-directional testing without swapping main and remote units
- Ruggedly built for demanding field use
- Manage and document results with LinkWare™ Cable Test Management Software



8223-07 (Multimode) DSP-FTA440S (Gigabit Multimode)
8223-11 (Singlemode) DSP-FTA430S (Singlemode)
DSP-FTA410S/420S (Multimode)

CertiFiber®

- Measures multimode fiber length and optical loss
- Measures optical power and loss at 850 nm and 1300 nm using LED dual-wavelength sources
- Saves 1000 Autotest results under customized job and circuit ID names
- Features a standards library for easy set-up
- Incorporates interchangeable connector adapters for simple network connection



8240-04

Fiber Verification and Inspection

Fiber Verification Solutions

SimpliFiber®

- Tests multimode and singlemode fiber
- Measures optical power and loss at 850 nm and 1300 nm using the 850/1300 Source
- Measures optical power and loss at 1310 nm and 1550 nm using the *optional* 1310 Source and *optional* 1550 Source
- Auto senses source wavelength

- Saves 100 test results
- Meter incorporates interchangeable connector adapters for simple network connection
- Communicates with free PC-based Scanlink Tools reporting software.
- Ruggedly built for demanding field use



8250-02 (Kit, ST)
8250-04 (Kit, SC)
8251-01 (Source, 1310, ST)
8251-02 (Source, 1550, ST)
8251-11 (Source, 1310, SC)
8251-12 (Source, 1550, SC)

Fiber Test Installer (FTI) Packages

- Tests multimode and singlemode fiber
- Measures optical power and loss at 850 nm and 1300 nm using the 850/1300 Source
- Measures optical power and loss at 1310 nm and 1550 nm using the optional 1310/1550 Source
- Optional FT120 multimode Fiber Viewer for inspecting fiber end-faces
- Comes with compact, hard-shell carrying case for easy transport
- Are ruggedly built for demanding field use

- Includes the Fiber Optic Reference Guide covering latest in fiber optic technology
- FTK100 multimode test kit
- FTK100FV multimode test kit with FT120 Fiber Viewer
- FTK200 multimode test kit with data logging (saves 500 results)
- FTK200FV multimode test kit with data logging (saves 500 results) and FT120 Fiber Viewer



FTK200FV (Pro Package - Shown)
FTK100FV (Basic Package)
LS1310/1550 (Optional Laser Source)

DSP Fiber Test Kit

- Tests multimode and singlemode fiber
- Measures optical power and loss at 850 nm and 1300 nm using the 850/1300 Source
- Measures optical power and loss at 1310 nm and 1550 nm using the optional 1310/1550 Source

- Compatible with Fluke Networks' DSP Series, OneTouch™ Series II Network Assistant and the Enterprise LANMeter®
- Lightweight, heavy-duty design for rugged field use



DSP-FTK

Fiber Inspection Solutions

FiberInspector™ Video Microscopes

- Easily inspects fiber connectors already installed on patch panels
- Quickly determines whether fiber connectors on a hardware device are clean and in good condition without disassembling the device
- Eliminates the hazards of inspecting live fiber

- Is compatible with standard ST, SC and FC connectors, and other connector types including small form factor connectors with optional adapter tips
- FT300 with 250x magnification
- FT400 with 400x magnification (recommended for singlemode fiber)



FT300 (250x)
FT400 (400x)

Fiber Viewers

- Visually inspect fiber end-faces
- Includes nylon carrying case
- Special safety filter protects your eyes from harmful infrared rays

- FT120 with 200x magnification for multimode fiber
- FT140 with 400x magnification for singlemode fiber
- Includes backlight feature for easy viewing



FT120 (200x)
FT140 (400x)