

Optical Wavelength Laboratories Presents

New!

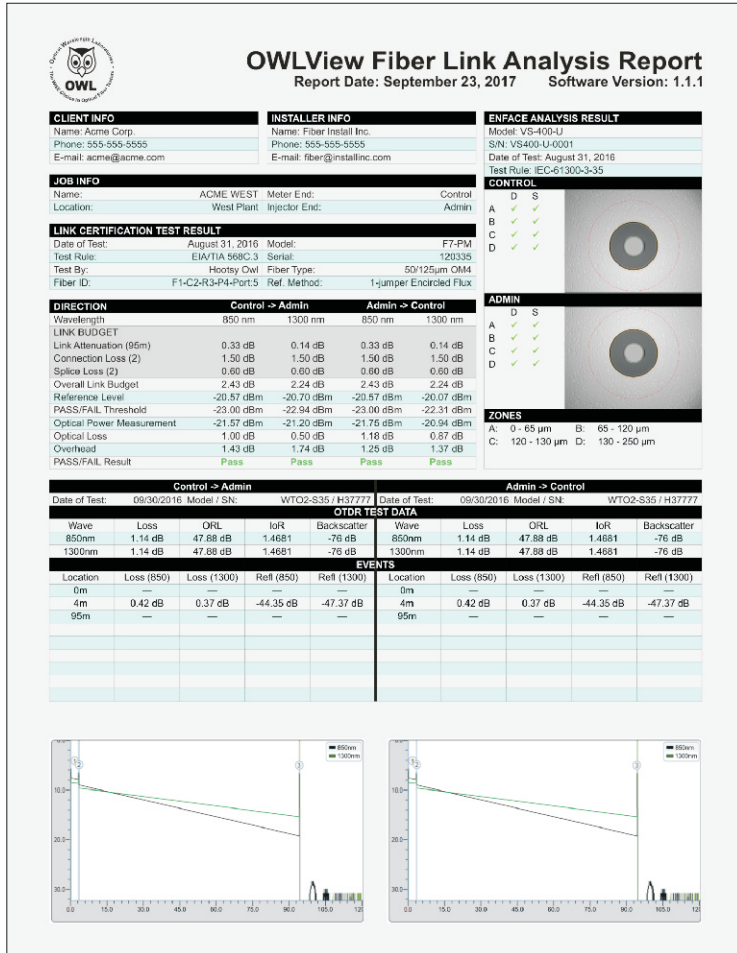
FIBER OWL 7

FIBER OPTIC LINK CERTIFIER



- **Compact size**
- **Color LCD display**
- **Breakthrough pricing**
- **Encircled Flux compliant**
- **Multiple versatile test modes**
- **Comprehensive OWLView Tri-report**

WIN MORE BIDS FOR YOUR COMPANY!



Tri-report. Sooner or later, technicians will be required to provide their clients with comprehensive certification reports that include link certification results, OTDR traces and events, and endface analysis.

OWLView software gathers together all three of these critical data and formats them onto one single-page “Tri-report”.

Link certification provides clients with a PASS/FAIL test result, ensuring that fiber links are installed and tested according to popular industry standards, including TIA-568 and various levels of Ethernet.

When used with a corresponding light source, Fiber OWL 7 certifiers allow users to certify multimode and/or singlemode optical fiber links.

Many clients are also requesting **OTDR traces** for the purpose of “link characterization”; i.e. a visual “roadmap” of the fiber link. OTDR traces include a graphical representation of the fiber link that shows the different “events” in the fiber link including patch panels, and event tables show the relative loss of individual events.

OWLView software allows users to import OTDR traces taken with OWLTrek 2 OTDRs, and appends the traces to the link certification report.

Clients are also interested in seeing the quality of their fiber endfaces at the time of testing. **Endface analysis** digitally inspects a fiber endface image for scratches and defects that may adversely affect data transmission.

OWLView software includes PASS/FAIL endface analysis based on the popular IEC 61300-3-35 endface inspection standard, and can analyze JPG endface images taken with any fiber video scope.

OWLView TRI-REPORT CERTIFICATION • OTDR • ENDFACE

- **Win more bids for your company**
- **Required for cabling system warranties**
- **Superior to qualification test results**



Optical Wavelength Laboratories
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**Factory located in the
heartland of the US!**

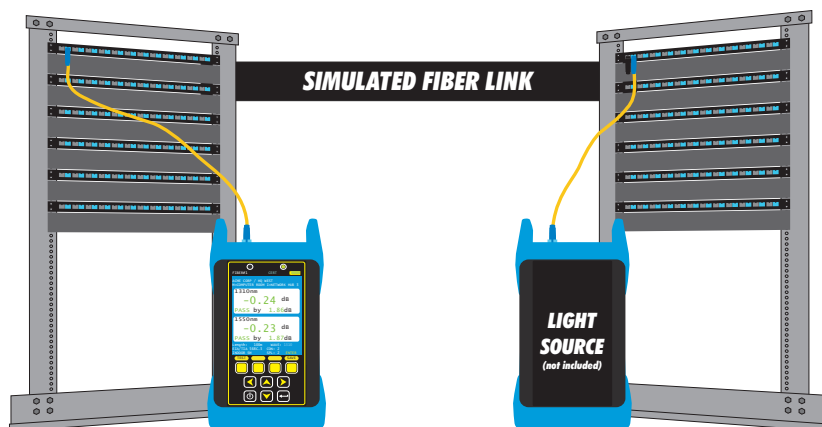


OWL - The WISE choice in fiber test!

Fiber OWL 7

Fiber Optic Link Certifier

- Win more bids for your company!
- Easy to read color LCD
- Color-coded PASS/FAIL standards-based test results
- Integrated length testing
- Tier 1 Certification for both multimode and singlemode
- User-friendly diagrams guide users through the testing process!
- Factory located in the heartland of the US!



Encircled Flux Compliant

Encircled Flux compliant. Encircled Flux (EF) compliance is the latest requirement for testing multimode networks designed for transmission of 10 Gigabits and beyond. When used with EF mode controller cables, Fiber OWL 7 certifiers ensure high-speed multimode networks are compliant to standards-based EF requirements.

10-Gig Ready

User-friendly setup and test procedures. Helpful diagrams on the screen prompt the user to connect the tester to the link as shown, and text-based help screens are available in case users have questions in the field.

Affordability. Fiber OWL 7 certifiers are a fraction of the cost of bulky over-priced certifiers, saving cost-conscious technicians and installers thousands of dollars that could be better used elsewhere.

Small, compact size. At nearly a third of the size and weight as compared to much bulkier ultra-expensive certifiers on the market, Fiber OWL 7 certifiers are truly hand-held pocket-sized devices that can be operated in one hand!



SPECIFICATIONS

GENERAL			
Display Type	2.8" Color LCD	Operating Temperature	-10 to 55° C
Battery Type	Lithium Polymer	Storage Temperature	-30 to 70° C
Battery Life	up to 50 hours	Dimensions	2.87" x 4.42" x 1.25"
Auto-shutdown	Yes	Weight	10 ounces (284 g)

LENGTH TESTING PORT ¹	
Type	FP Laser
Center Wavelength	1310 ± 30 nm
Spectral Width (FWHM)	1310 nm: 2 nm
Output Power	-10 dBm
Length Accuracy	±2.5 meters (7 feet)
Length Limit	up to 25 km (singlemode)
Connector Type	SC (LC if optional VFL is installed)

OPTIONAL VFL PORT ²	
Type	Red Laser
Fiber Type	Multimode/Singlemode
Center Wavelength	~650nm
Output Power	0 dBm (1mW)
Visible Distance	up to 5 km
Connector Type	LC

1 – F7X and F7V only. F7 does not include length testing port.
2 – F7V includes optional VFL port.

OPTICAL POWER METER PORT	
Detector Type	InGaAs
Wavelengths	850, 980, 1300, 1310, 1490, 1550, 1625 nm
Measurement Range	+5 to -70 dBm
Accuracy (Uncertainty)	±0.15 dB
Display Resolution	0.01 dB
Power Units	dBm, dB
Connector Type	Universal (2.5 mm and 1.25 mm)
Data Storage Points	<10,000
Download Port Connection	USB
Software	OWLView
Modes of Operation	PAIR, BIDI, CERT, LOSS, OPM
Length Measurement Range	up to 25 km
Length Measurement Accuracy	±2.5 meters



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