WaveTester / Dual OWL / Laser OWL Test Kit

SKU: KIT-WT-D2xx-L2xx (see connector options below)

Overview

Kit Contents

Many fiber optic network bids and Requests For Quote (RFQ) are Power Meter: citing cabling standards to specify the set of guidelines (such as fiber length) that the network installer must follow during the network installation. Adherence to such standards is meant to ensure the quality of the installation and guarantee that the network will perform **Accessories**: as it was designed.

The process of testing a network installation to ensure its adherence to specified standards is called certification, and often requires hardcopy documentation as proof of adherence to standards.

The WaveTester / Dual OWL / Laser OWL Test Kit contains the tools necessary for certifying fiber optic links against a myriad of popular cabling standards in multimode networks at 850 nm and 1300 nm, and singlemode networks at 1310 nm and 1550 nm.

The WaveTester optical power meter is multimode and singlemode ready, and can store reference values for all wavelengths used for optical loss measurements. Up to 200 fiber runs may be stored, and serially downloaded to a PC for report generation using our OWL Reporter software.

The Dual OWL is a multimode light source. Its output is temperaturestabilized for accurate measurements. Two connector options are available (ST and SC).

The Laser OWL is a singlemode light source. Its output is temperature-stabilized for accurate measurements. Two connector options are available (ST and SC).

WaveTester

Light Source: Dual OWL Laser OWL

OWL Reporter software Product manuals USB download / charger cables Re-chargeable Lithium Polymer batteries reports NIST certificate Carrying case Protective rubber boots

Features

Certification of multimode fiber links at 850 nm and 1300 nm, and singlemode fiber links at 1310 nm and 1550 nm

Data storage for up to 200 data points

USB interface for continuous data logging, report printing, or data downloading

OWL Reporter software for printing formatted fiber certification

Measurement modes include absolute (for optical power) or relative (for optical loss)

Selectively view, delete or resample data points

Supported Cabling Standards:

EIA/TIA 568	ISO/IEC 11801	10-Gigabit Ethernet
1000Base-SX	1000Base-LX	100Base-FX
10Base-FB	10Base-FL	FDDI
ATM-155	ATM-622	Fibre Channel
Token Ring		

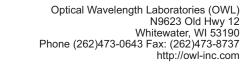




Product manuals come in PDF format on CD. Adobe Acrobat Reader[™] is required to view these documents.

Patch cables are available for an additional charge. Contact OWL for more information.





Multimode/Singlemode Fiber Certification Test Kit

WaveTester / Dual OWL / Laser OWL Test Kit

SKU: KIT-WT-D2xx-L2xx (see connector options below)

WAVETESTER OPTICAL POWER METER (WT-1)

KEY SPECIFICATIONS			
Detector Type	InGaAs		
Calibrated Wavelengths ¹	850, 1300, 1310, 1490, 1550		
Measurement Range	+5 to -60 dBm		
Accuracy	±0.20 dB		
Display Resolution	0.01 dB		
Battery Life	Up to 1000 hours (Re-chargeable Lithium Polymer)		
Connector Type	2.5mm/1.25mm universal		
Measurement Units	dBm, dB, mW, µW		
Data Storage	up to 200 readings		
Display Type	Backlit LCD		
Auto-shutdown	Yes		
Operating Temperature	-10 to 55° C		
Storage Temperature	-30 to 70° C		
Dimensions	2.75 x 4.94 x 1.28 inches (69.85 x 125.48 x 32.51 mm)		
Weight	10 oz. (284g)		
1. Bold wavelengths are NI	1: Bold wavelengths are NIST Traceable		

DUAL OWL MULTIMODE LIGHT SOURCE (DO2xx)

KEY SPECIFICATIONS		
Fiber Type	Multimode	
Launch Method	LED	
Center Wavelength	850nm ± 30nm; 1300nm ± 50nm	
Spectral Width	850nm: 50nm; 1300nm: 180nm	
Output Power	-20 dBm	
Initial Accuracy	0.1 dB	
Battery Life	Up to 120 hours (Re-chargeable Lithium Polymer)	
Operating Temperature	0 to 55° C	
Storage Temperature	0 to 70° C	
Dimensions	2.75 x 4.94 x 1.28 inches (69.85 x 125.48 x 32.51 mm)	
Weight	10 oz. (284g)	
Conforms to the Harmonized European Standards EN 61326-1 and EN 61010-1		

Conforms to the Harmonized European Standards EN 61326-1 and EN 61010-1.

Other connector styles may be available. Call 262-473-0643 for more information.

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Conforms to the Harmonized European Standards EN 61326-1 and EN 61010-1.

LASER OWL SINGLEMODE LASER SOURCE (LO2xx)

KEY SPECIFICATIONS			
Fiber Type	Singlemode		
Launch Method	FP Laser		
Center Wavelength	1310nm ± 20nm; 1550nm ± 30nm		
Spectral Width	1310nm: 2nm; 1550nm: 2nm		
Output Power	-10 dBm		
Initial Accuracy	0.1 dB		
Battery Life	Up to 120 hours (Re-chargeable Lithium Polymer)		
Operating Temperature	0 to 55° C		
Storage Temperature	0 to 70° C		
Dimensions	2.75 x 4.94 x 1.28 inches (69.85 x 125.48 x 32.51 mm)		
Weight	10 oz. (284g)		
Conforma to the Harmoniz	Conforms to the Harmonized European Standards EN 61326 1 and EN 61010 1		

Conforms to the Harmonized European Standards EN 61326-1 and EN 61010-1.

Other connector styles may be available. Call 262-473-0643 for more information.





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