Silicon ZOOM II / Dual OWL 850 Test Kit

SKU: KIT-Z2S-D285st (ST connector option)
SKU: KIT-Z2S-D285sc (SC connector option)

Multimode Fiber Test Kit

Overview

The *Silicon ZOOM II / Dual OWL 850 Test Kit* is ideal for LAN managers and installers who need to do simple attenuation tests on their multimode networks.

The *Silicon ZOOM II (Zeroed Output Optical Meter)* is an economical fiber optic power meter designed to provide accurate testing of multimode fiber cables at 850nm wavelength. The 4-digit 7-segment LCD display shows power readings with a resolution of 0.01dB, power units in dBm, dB, or uW, and battery power level. The *Silicon ZOOM II* comes configured with a 2.5mm universal port for connection to SC, ST, and other connector types that have a 2.5mm ferrule.

The *Dual OWL 850* is an 850nm NIST traceable multimode light source. Its 850nm output is temperature-stabilized for accurate measurements. The *Dual OWL 850* has two connector options: ST or SC.

Features

Economical option for quick attenuation and loss testing of multimode networks at 850nm

Easy-to-read 4-digit 7-segment LCD display

Store reference values for calibrated wavelengths

Intuitive 2-button interface on both units

On-screen wavelength, measurement units, and low battery indicator

NIST traceable

Kit Contents

Power Meter: Silicon ZOOM II

Light Source: Dual OWL 850

Accessories: Product manuals
9-volt batteries
NIST certificate
Carrying case
Protective rubber boots
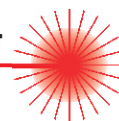
ASSEMBLED IN USA
N.I.S.T. Traceable

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

Carrying cases and patch cables are available for an additional charge. Call 262-473-0643 for more information.

O.W.L. MANUFACTURER OF QUALITY OPTICAL FIBER TEST EQUIPMENT

OPTICAL WAVELENGTH LABORATORIES™

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Specifications

Silicon ZOOM II Optical Power Meter

Detector	Si 1mm
NIST Traceable Wavelengths	850nm
Additional Factory Calibrated Wavelengths	650nm, 980nm
Measurement Range	+5 to -60 dBm
Accuracy[1]	±0.25 dB
Linearity[1]	±0.20 dB
Resolution	0.01 dBm
Battery Life	up to 250 hours
Operating Temperature	0 to 55°C
NIST Traceable	Yes
Battery Capacity Display	Yes
Connector	2.5mm universal port
Width	2.75"
Height	4.94"
Depth	1.28"
Weight	154g

1: Over range of 0 to -45 dBm

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

Dual OWL 850 Multimode Light Source

Launch Method	LED
Connector	ST or SC
Center Wavelength	850 ±20nm
Spectral Width (FWHM)	60 nm
Output Power	-20.0 dBm
Initial Accuracy	0.1 dB
Fiber Type	multimode
Battery Life	40 hrs.
Battery Capacity Display	Yes
Operating Temperature	0 to 55° C
Storage Temperature	0 to 75° C
Width	2.75"
Height	4.94"
Depth	1.28"
Weight	154g

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