ZOOM II / Dual OWL Test Kit

SKU: KIT-Z2-D2st (ST connector option)
SKU: KIT-Z2-D2sc (SC connector option)

Multimode Fiber Test Kit

Overview

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

The *ZOOM II* is an economical fiber optic power meter. It provides accurate testing of multimode fiber cables. The 4-digit 7-segment LED display shows power readings with a resolution of 0.01dB. On-screen indicators display measurement units (dBm, dB, uW), as well as battery life. The ZOOM II comes configured with a 2.5mm universal connector for connection to ST or SC connectors, as well as any other fiber connector with a 2.5mm ferrule.

The *Dual OWL* is our 850/1300nm NIST traceable multimode light source. Its dual wavelength outputs are temperature-stabilized for accurate measurements. The Dual OWL has two connector options: ST or SC.

Kit Contents

Power Meter: ZOOM II

Light Source: Dual OWL

Accessories: Product manuals
9-volt batteries
NIST certificate
Carrying case
Protective rubber boots

Features

Economical option for quick attenuation and loss testing of multimode networks at 850 and 1300nm

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

MADE 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

ZOOM II Optical Power Meter

Detector	Ge 1mm
Calibrated Wavelengths	850nm, 1300, 1310nm, 1550nm
Measurement Range	+5 to -60 dBm (standard)
Accuracy	±0.2 dBm
Resolution	0.10 dBm
Battery Life	up to 250 hours
Operating Temperature	0 to 55°C
NIST Traceable	Yes
Battery Capacity Display	Yes
Connector	2.5mm Universal
Width	2.75"
Height	4.94"
Depth	1.28"
Weight	154g

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

Dual OWL Multimode Light Source

Launch Method	LED
Connector	ST or SC
Center Wavelength (850nm)	850 ±20nm
Center Wavelength (1300nm)	1290nm min
	1350nm max
Spectral Width (FWHM; 850 nm)	35 nm
Spectral Width (FWHM; 1300nm)	170 nm
Output Power	-20.0 dBm
Initial Accuracy	0.1 dB
Fiber Type	multimode
Battery Life	40 hours
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.