

ZOOM 2 / Dual OWL 850 / Laser OWL 1310 Test Kit

SKU: KIT-Z2-D285xx-L213xx (see below for connector options)

Singlemode / Multimode Fiber Test Kit

Overview

The **ZOOM 2 / Dual OWL / Laser OWL Test Kit** is ideal for LAN managers and installers who need to do simple attenuation tests on their multimode and single-mode networks.

The **ZOOM 2 (Zeroed Output Optical Meter)** is an economical fiber optic power meter. It provides accurate testing of multimode and singlemode fiber cables. The 4-digit 7-segment LCD displays power readings with a resolution of 0.01dB. On-screen indicators display measurement units (dBm, dB, uW), as well as battery life. The ZOOM 2 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 850** is a NIST traceable multimode light source. Its LED output is temperature-stabilized for accurate measurements, and compliant to national and international testing standards for certification. The **Dual OWL** has two connector options: ST or SC.

The **Laser OWL 1310** is a NIST traceable singlemode light source. Its FP laser wavelength output is temperature-stabilized for accurate measurements, and compliant to national and international testing standards for certification. Three connector options are available (ST, SC, and FC).



Features

Economical option for quick attenuation and loss testing of both multimode and singlemode networks

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

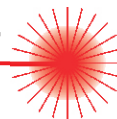
- Power Meter:** ZOOM II
- Light Source:** Dual OWL 850
Laser OWL 1310
- Accessories:** Product manuals
9-volt batteries
NIST certificate
Carrying case
Protective rubber boots



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.



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Specifications

ZOOM 2 Optical Power Meter

Detector	InGaAs 1mm
Calibrated Wavelengths	850nm, 1300, 1310nm, 1490, 1550nm
Measurement Range	+5 to -60 dBm
Accuracy¹	±0.15 dB
Linearity¹	±0.20 dB
Resolution	0.01 dBm
Battery Life	up to 250 hours
Operating Temperature	-10 to 55 C
Storage Temperature	-30 to 70 C
NIST Traceable	Yes
Battery Capacity Display	Yes
Connector	2.5mm Universal
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 ±30nm
Spectral Width	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.

Laser OWL 1310 Singlemode Laser Source

Launch Method	FP Laser
Connector	ST, SC, or FC
Center Wavelength (1310nm)	1310 ±30nm
Spectral Width (FWHM)	2 nm
Output Power	-10.0 dBm
Initial Accuracy	0.1 dB
Fiber Type	singlemode
Battery Life	25 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.

