ZOOM / Dual OWL Test Kit

Overview

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

The **ZOOM** is an economical fiber optic power meter. It provides accurate testing of multi-mode fiber cables when used with multi-mode light source. The 7-segment LED display shows power readings with a resolution of 0.1dB. LED indicators confirm selection of dB or dBm mode and verify that the battery power is sufficient to maintain accurate measurements. The ZOOM comes configured with a 2.5mm fixed universal connector.

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

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. Call 262-473-0643 for more information.

NIST Traceable

MADE IN USA

CE

Specifications

ZOOM Optical Power Meter

Detector	Ge 1mm (ZO-1)
Calibrated Wavelengths	850nm, 1300/1310nm, 1550nm
Measurement Range	+3 to -52 dBm (standard)
Accuracy	±0.24 dBm
Resolution	0.10 dBm
Battery Life	15hrs.
Operating Temperature	0 to 55°C
NIST Traceable	Yes
Battery Capacity Display	Yes
Connector	2.5mm Fixed Univ. (ZO-1)
Width	2.75"
Height	4.94"
Depth	1.28"
Weight	154g

Dual OWL Multi-mode 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	Multi-mode
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

Kit Contents

Power Meter:	ZOOM
Light Source:	Dual OWL
Accessories:	Product manuals
	9-volt batteries
	NIST certificate
	Carrying case

Features

- Economical option for quick attenuation and loss testing of multi-mode networks
- Easy-to-read 7-segment LED displays power in both dBm and dB
- Store reference values for calibrated wavelengths
- Single push-button for setting "zero" reference
- Simple on switch operation
- Hard-plastic carrying case
- Power on / low battery indicators
- NIST traceable

O.W.L. Optical Wavelength Laboratories

Manufacturer of Quality Optical Fiber Test Equipment