

ZOOM II / Dual OWL Test Kit

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

Multimode Fiber Test Kit
Netcomp Part No. FK02

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, μ W), 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



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.



ZOOM II / Dual OWL Test Kit

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

Multimode Fiber Test Kit

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.



o.w.l. MANUFACTURER OF QUALITY OPTICAL FIBER TEST EQUIPMENT
OPTICAL WAVELENGTH LABORATORIES™



Optical Wavelength Laboratories (OWL)
N9623 West US Hwy 12
Whitewater, WI 53190
Phone (262)473-0643 Fax: (262)473-8737
<http://owl-inc.com>