

Silicon ZOOM / Dual OWL 850 Test Kit

Multi-mode Fiber Test Kit

Overview

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

The **Silicon ZOOM** is an economical fiber optic power meter designed to provide accurate testing of multi-mode fiber cables at 850nm wavelength. 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 Silicon ZOOM comes configured with a 2.5mm fixed universal connector.

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



Connector styles may vary from photo

Kit Contents

| | |
|----------------------|---|
| Power Meter: | Silicon ZOOM |
| Light Source: | Dual OWL 850 |
| Accessories: | Product manuals 9-volt batteries NIST certificate |

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.



**NIST
Traceable**



Features

- Economical option for quick attenuation and loss testing of multi-mode networks at 850nm
- 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
- Power on / low battery indicators
- NIST traceable

Specifications

ZOOM Optical Power Meter

| | |
|---------------------------------|-------------------|
| Detector | Si 1mm |
| Calibrated Wavelengths | 850nm |
| Measurement Range | +3 to -52 dBm |
| 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. |
| Width | 2.75" |
| Height | 4.94" |
| Depth | 1.28" |
| Weight | 154g |

Dual OWL 850 Multi-mode Light Source

| | |
|---------------------------------|------------|
| Launch Method | LED |
| Connector | ST or SC |
| Center Wavelength | 850 ±20nm |
| Spectral Width (FWHM) | 35 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 |

This kit is also upgradeable to include 1300/1310 and 1550nm. Call OWL at 262-473-0643 for more details!