

# ZOOM 2 / Dual OWL 850 Test Kit

SKU: KIT-Z2-D285sc

Multimode Fiber Test Kit

## Overview

The **ZOOM 2 / Dual OWL 850 Test Kit** is ideal for LAN managers and installers who need to do simple attenuation tests on their Multimode networks.

The **ZOOM 2 (Zeroed Output Optical Meter)** is an economical fiber optic power meter. It provides accurate testing of multimode fiber cables when used with a 850nm multimode light source. 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, and includes a 1.25mm adapter cap for LC connections.

The **Dual OWL 850** is our 850nm NIST traceable Multimode light source. Its 850nm output is temperature-stabilized for accurate measurements. The **Dual OWL 850** comes configured with a SC connector port.

## Kit Contents

- Power Meter:** ZOOM 2 (ZO-2)
- Light Source:** Dual OWL 850 (DO2-85sc)
- Accessories:** Product manuals  
NIST certificate  
Carrying case  
Protective rubber boots  
Battery charger and cable

## Features

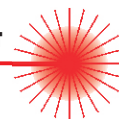
- Economical option for quick attenuation and loss testing of multimode networks at 850nm
- Easy-to-read 4-digit 7-segment backlit LCD display
- Re-chargeable Lithium Polymer battery
- Store reference values for calibrated wavelengths
- Intuitive 2-button interface on both units
- On-screen wavelength, measurement units, and low battery indicator
- NIST traceable

Light source comes configured with SC connector.

Other source connectors may be available. Call 262-473-0643 for more information.



ASSEMBLED IN USA  
N.I.S.T. Traceable



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## ZOOM 2 OPTICAL POWER METER (ZO-2)

KEY SPECIFICATIONS	
Detector Type	InGaAs
Calibrated Wavelengths	<b>850, 1300, 1310, 1490, 1550</b>
Measurement Range	+5 to -60 dBm
Accuracy	±0.20 dB
Display Resolution	0.01 dB
Battery Life	Up to 1000 hours (Re-chargeable Lithium Polymer)
Connector Type	2.5mm/1.25mm universal
Measurement Units	dBm, dB, mW, μW
Display Type	Backlit LCD
Auto-shutdown	Yes
Operating Temperature	-10 to 55° C
Storage Temperature	-30 to 70° C
Dimensions	2.75 x 4.94 x 1.28 inches (69.85 x 125.48 x 32.51 mm)
Weight	10 oz. (284g)

1: Bold wavelengths are NIST Traceable

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

## DUAL OWL 850 MULTIMODE LIGHT SOURCE (DO2-85sc)

KEY SPECIFICATIONS	
Fiber Type	Multimode
Launch Method	LED
Center Wavelength	850nm ± 30nm
Spectral Width	850nm: 50nm
Output Power	-20 dBm
Initial Accuracy	0.1 dB
Battery Life	Up to 120 hours (Re-chargeable Lithium Polymer)
Operating Temperature	0 to 55° C
Storage Temperature	0 to 70° C
Dimensions	2.75 x 4.94 x 1.28 inches (69.85 x 125.48 x 32.51 mm)
Weight	10 oz. (284g)

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

Other connector styles may be available. Call 262-473-0643 for more information.



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

