

# Silicon ZOOM 2 / Dual OWL 850 Test Kit

SKU: KIT-Z2S-D285sc (SC connector option)

Multimode Fiber Test Kit

## Overview

The **Silicon 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 **Silicon ZOOM 2 (Zeroed Output Optical Meter)** is an economical fiber optic power meter designed to provide accurate testing of multimode fiber cables at 850nm wavelength. The 4-digit 7-segment LCD display shows power readings with a resolution of 0.01dB, power units in dBm, dB, or uW, and battery power level. The **Silicon ZOOM 2** comes configured with a 2.5mm universal port for connection to SC, ST, and other connector types that have a 2.5mm ferrule. A 1.25mm universal adapter cap for LC connections is available for an additional charge.

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

## Kit Contents

<b>Power Meter:</b>	Silicon ZOOM 2
<b>Light Source:</b>	Dual OWL 850
<b>Accessories:</b>	Product manuals Battery chargers NIST certificate Carrying case Protective rubber boots

## 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.



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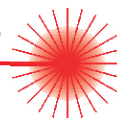
N.I.S.T. Traceable

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.



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

KEY SPECIFICATIONS	
Detector Type	Silicon
Calibrated Wavelengths <sup>1</sup>	650, <b>850</b> , 980
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 universal
Measurement Units	dBm, dB, mW, $\mu$ W
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.



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