ZOOM 2 / Dual OWL Test Kit

Multimode Fiber Test Kit

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

Overview

The **ZOOM 2 / Dual OWL 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*.* The 4-digit 7-segment LED display shows 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** 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 2 (ZO-2)

Light Source: Dual OWL (DO2sc)

Accessories:
Product manuals
Battery chargers
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 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

O.W.L. MANUFACTURER OF QUALITY OPTICAL FIBER TEST EQUIPMENT

OPTICAL WAVELENGTH LABORATORIES™

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ZOOM 2 OPTICAL POWER METER (ZO-2)

KEY SPECIFICATIONS	
Detector Type	InGaAs
Calibrated Wavelengths[1]	**850**, **1300**, **1310**, 1490, **1550**
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 MULTIMODE LIGHT SOURCE (DO2sc)

KEY SPECIFICATIONS	
Fiber Type	Multimode
Launch Method	LED
Center Wavelength	850nm ± 30nm; 1300nm ± 50nm
Spectral Width	850nm: 50nm; 1300nm: 180nm
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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