

# ZOOM 2 / WaveSource MM Test Kit

SKU: KIT-Z2-WSMDxx (see light source connector options below)

Dual-wavelength Multimode Fiber Optical Loss Test Kit

## Overview

The **ZOOM 2 / WaveSource MM 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 and singlemode fiber cables. 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.

The **WaveSource MM** contains both 850 and 1300nm in the same output port, which can be either ST or SC connector styles. The multimode output is temperature-stabilized for accurate measurements and fully compliant to the TIA-568 standard for certification measurements



## Features

- Economical option for quick attenuation and dual-wavelength loss testing of multimode networks
- 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

## Kit Contents

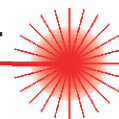
- Power Meter:** ZOOM 2
- Light Source:** WaveSource MM
- Accessories:** Product manuals  
9-volt batteries  
NIST certificate  
Carrying case  
Protective rubber boots



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

Product manuals come in PDF format on CD. Adobe Acrobat Reader™ is required to view these documents.

Patch cables are available for an additional charge. Contact OWL for more information.



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## Specifications

### ZOOM 2 Optical Power Meter

Detector Type	InGaAs
NIST Traceable Wavelengths	850nm, 1300nm, 1310 nm, 1490, 1550 nm
Measurement Range	+5 to -60 dBm
Accuracy <sup>1</sup>	±0.15 dB
Linearity <sup>1</sup>	±0.20 dB
Resolution	0.01 dB
Connector Type	2.5mm Universal
Power Units Displayed	dBm, dB, µW
Battery Life	250 hrs. (9v alkaline)
Battery Capacity Display	Yes
Backlight	Yes
NIST Traceable	Yes
Auto-shutdown	Yes
Operating Temperature	-10 to 55 C
Storage Temperature	-30 to 70 C
Width	2.75"
Height	4.94"
Depth	1.28"
Weight	154g

1: Over range of 0 to -45 dBm

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

### WaveSource MM Fiber Optic Light Source

Launch Method (multimode)	LED
Connector	ST or SC
Center Wavelength (850nm)	850 +30/-10nm
Center Wavelength (1300nm)	1300 ±50 nm
Spectral Width (FWHM; 850 nm)	50nm
Spectral Width (FWHM; 1300nm)	180nm
Output Power (multimode)	-20.0 dBm
Initial Accuracy	0.1 dB
Output Modes	Continuous Wave Modulated
Battery Life	up to 30 hrs.
Battery Type	9V alkaline
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™**



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