

ZOOM 2 S9SD Test Kit

SKU: KIT-Z2-S9SDxx ('xx' = connector type; options shown below)

Singlemode Fiber Test Kit

Overview

The **ZOOM 2 S9SD Test Kit** is ideal for performing quick and accurate loss measurements on singlemode cables.

The **ZOOM 2 optical power meter** is multimode and singlemode ready, and can store reference values for all wavelengths used for optical loss measurements.

The **WaveSource S9SD fiber optic light source** contains 980, 1310, 1550nm, all temperature-stabilized for accurate measurements.

Two light source connector options are available (ST and SC).



Features

Economical option for quick attenuation and loss testing of singlemode networks at 980, 1310, and 1550nm

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 S9SD
- Accessories:**
 - Product manuals
 - 9-volt batteries
 - NIST certificate
 - Carrying case
 - Protective rubber boots



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NIST Traceable

Product manuals on a CD-ROM. 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.



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Specifications

ZOOM II FTTH Optical Power Meter

Detector	Ge 1mm
Calibrated Wavelengths	850nm, 980nm, 1300nm, 1310nm, 1490nm, 1550nm
Measurement Range	+5 to -60 dBm
Accuracy ¹	±0.15 dB
Linearity ¹	±0.20 dB
Resolution	0.01 dBm
Battery Life	up to 250 hours
Operating Temperature	0 to 55°C
NIST Traceable	Yes
Battery Capacity Display	Yes
Connector	2.5mm Universal
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.

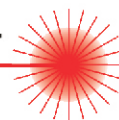
WaveSource S9SD Fiber Optic Light Source

Launch Method (singlemode)	FP Laser
Connector	ST, SC, or FC
Center Wavelength (980nm)	980±15nm
Center Wavelength (1310nm)	1310 ±30nm
Center Wavelength (1550nm)	1550 ±30nm
Spectral Width (FWHM; 980nm)	Xnm
Spectral Width (FWHM; 1310nm)	2nm
Spectral Width (FWHM; 1550nm)	2nm
Output Power (1310 / 1550nm)	-10.0 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™



Optical Wavelength Laboratories (OWL)
N9623 West US Hwy 12
Whitewater, WI 53190
Phone (262)473-0643 Fax: (262)473-8737
<http://owl-inc.com>