

Silicon ZOOM 2 VFL

SKU: ZO-2SV

Features

Silicon photodetector with 2.5mm universal adapter port (for ST, SC, FC, and others)

Multimode ready

Graphic LCD display with intuitive user interface

Simple 2-key operation

Power measurements shown in dBm, dB, or microwatts

Stores optical references for each wavelength to be used for optical loss testing

Long battery life - over 250 hrs on one 9v battery

Integrated visual fault locator (VFL) for fiber identification and near-end fault detection



Key Specifications

Power Meter

Measurement range	+5 to -60dBm
Absolute accuracy ¹	+/- 0.15dB
NIST-Traceable Wavelengths	850nm
Resolution	0.01dB
Linearity ¹	+/- 0.20dB
Dimensions	4.94 x 2.75 x 1.28 in

1: Over range of 0 to -45 dBm

Visual Fault Locator

Visual Range	up to 5 kilometers
Optical Output	>= 1 mW red laser
Optical Transmission	Continuous Wave / Modulated

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

Optical Power Meter w/integrated VFL

Applications

The Silicon ZOOM 2 VFL is a high accuracy, high resolution, microprocessor controlled, optical power meter. It has a 65dB dynamic range, and is NIST-Traceable at 850nm, making it ideal for multimode fiber testing.

It is enclosed in an attractive handheld case with a graphic liquid crystal display, and 2-key keypad for easy operation. Its 2.5mm universal fiber connector port allows connection to ST, SC, FC, and other popular 2.5mm ferrule connectors, will operate for over 250 hours on a standard high-capacity 9v battery, and has built-in auto shutdown. Reference values for each calibrated wavelength can be stored in permanent memory for quick and simple optical loss measurements.

The Silicon ZOOM 2 VFL also contains a precision-coupled visual fault locator optimized for fiber optics. An optical ball lens placed near the laser output focuses the light for optimum input into fiber optic cables, and special current-limiting electronics prevents laser burnout (a common problem with pen-style laser pointers), increasing the life of the VFL.

Its high-intensity red laser allows for fiber identification up to 5 kilometers away through both multimode and singlemode fibers.

It can also be used to check for faults within a few feet of its launch point. When the bright red light encounters a fault, the light is deflected into the jacket, producing a red glow at the point of the fault.



MADE IN USA

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. Call 262-473-0643 for more information.



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