

ZOOM 2 FTTH (Zeroed Output Optical Meter)

SKU: ZO2-FTTH-M

Optical Power Meter

Features

InGaAs photodetector with 2.5mm universal adapter (ST, SC, FC, and other 2.5mm connectors)

Multimode and singlemode ready

Graphical LCD display with intuitive user interface

Simple 2-key operation

Power measurements shown in dBm, dB, or microwatts

Display resolution of 0.01 dB

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

Long battery life - up to 250 hrs on one 9v battery

Charger port allows for wall power operation or for charging 9-volt re-chargeable batteries (wall transformer not included)



Applications

The ZOOM 2 FTTH is a high accuracy, high resolution, microprocessor controlled optical power meter. It has a wide 65 dB dynamic range, and is calibrated to measure 850, 1300, 1310, and 1550nm, making it ideal for both singlemode and multimode fiber testing, as well as 1490nm for measurement of FTTHx PON networks.

It has an attractive handheld case with an easy-to-read graphical liquid crystal display and 2-key keypad for easy operation. It is offered with a 2.5mm universal fiber connector for easy connection to ST, SC, and FC connectors, will operate for over 250 hours on a standard high-capacity 9v battery, and has built-in auto shutdown. The built-in charger port allows for wall power operation, as well as for charging 9-volt re-chargeable batteries.

The ZOOM 2 FTTH can store reference values for each wavelength to be used for optical loss measurements, and can display measurements in dBm, dB, and microwatts. The on-screen battery capacity indicator doubles as the battery charger display.

Key Specifications

Measurement range +8 to -57 dBm

Absolute accuracy¹ +/- 0.15 dB

Calibrated wavelengths 850, 1300, 1310, 1490, 1550 nm

Resolution 0.01 dB

Linearity¹ +/- 0.20 dB

Dimensions 4.94 x 2.75 x 1.28 in

1: Over range of 0 to -45 dBm

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



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.

Carrying cases and patch cables are available for an additional charge. Call 262-473-0643 for more information.



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