

Laser OWL 1550

SKU: LO2-15xx (see connector options below)

Singlemode Laser Source

Features

Optically stabilized FP laser source with 1550nm output wavelength

SC, ST, or FC fiber connectors

Re-chargeable Lithium Polymer battery - up to 120 hours battery life

Combination selected source / Low battery indicator LEDs

Intuitive 2-button operation

NIST traceable

Very economically priced

Key Specifications

Output Power -10 dBm into singlemode

Initial Accuracy +/- .10dB @ 25 C

NIST traceable calibrated wavelengths 1550nm

Center Wavelength 1550nm +/- 30nm

Spectral Width 2nm @ 1550nm

Typical 1 Hour Drift (dB) .04@1550 nm

Dimensions 4.94 x 2.75 x 1.28 in

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



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

Applications

The Laser OWL 1550 singlemode laser source provides high output and stability in an economical price. The laser diode uses a temperature compensated output and is calibrated to couple -10dBm of optical power into singlemode fiber. The source is simple to operate with an intuitive 2-button interface - one button to control power and the other to select output wavelength. LED indicators highlight the selected source and verify that battery power is sufficient to maintain the calibrated output power.

The Laser OWL 1550 is a laser-based light source designed to test singlemode fiber optic links. The LED indicator shows whether the unit is ON or OFF, and whether the battery has enough power to maintain its calibrated output power. Its 1550nm light sources provide stabilized testing that conforms to international testing standards. Lasers such as the ones in Laser OWL 1550 light sources produce intense beams of infrared energy that are invisible to the eye.

NEVER LOOK INTO A LIGHT SOURCE OR THE END OF A FIBER THAT MAY BE ENERGIZED BY A SOURCE!

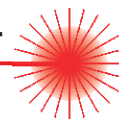
Exposure to such energy can cause serious retina damage, and prolonged exposure can cause blindness.

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
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>