

Laser OWL 1550 HP

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

Singlemode Laser Source

Features

- Optically stabilized FP laser source with 1550nm output wavelength
- 0 dBm output designed for high-power applications
- SC, ST, or FC fiber connectors
- Extended battery life - up to 30 hours on one 9v battery
- Combination selected source / Low battery indicator LEDs
- Intuitive 2-button operation
- NIST traceable
- Very economically priced

Key Specifications

Output Power	0 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.



Applications

The Laser OWL 1550 HP 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 0dBm 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 HP 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 HP 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.



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.

