Laser OWL

SKU: LO2xx (see connector options below)

Features

Optically stabilized FP laser source with 1310nm and 1550nm output wavelengths

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

Applications

The Laser OWL singlemode laser source provides high output and stability in an economical price. The laser diodes use temperature compensated outputs, and are 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 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 dual-wavelength 1310 and 1550nm light sources provide dual wavelength testing that conforms to international testing standards. Lasers such as the ones in Laser OWL 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.

Key Specifications

Output Power	-10 dBm into singlemode
Initial Accuracy	+/- .10dB @ 25 C
NIST traceable calibrated wavelengths	1310nm, 1550nm
Center Wavelength	1310nm +/- 30nm 1550nm +/- 30nm
Spectral Width	2nm @ 1310nm 2nm @ 1550nm
Typical 1 Hour Drift (dB)	.05@1310nm .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.

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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