

Dual OWL

Multimode Light Source

Features

- Stable temperature compensated LED source
- Available with 850nm and/or 1300nm
- ST or SC fiber connectors
- Extended battery life - about 40 hrs on one 9v battery
- Combination selected source / Low battery indicator LEDs
- Single switch operation
- NIST traceable
- Very economically priced

Key Specifications

Output Power	-20 dBm into multimode
Initial Accuracy	+/- .10dB @ 25 C
NIST traceable calibrated wavelengths	850nm, 1300nm
Center Wavelength	850nm +/- 20nm 1300nm +50/-10nm
Spectral Width	35nm @ 850nm 170nm @ 1300nm
Typical 1 hour drift (dB)	.05@850nm .05@1300nm
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 Dual OWL is a cost effective, compact, handheld light source. The temperature compensated outputs are calibrated to couple -20dBm of optical power into multimode fiber. The light sources are offered in a single 850nm or 1300nm version or with both 850nm and 1300nm sources installed. The single source versions can be easily upgraded to include the other source. The source is simple to operate with a single switch controlling power and output wavelength selection. LED indicators highlight the selected source and verify that battery power is sufficient to maintain the calibrated output power.

Dual OWL series fiber optic light sources offer exceptional value at an economical price. These LED-based sources provide the fiber optic installer with a stable output when testing multimode fiber optic runs. The Dual OWL combines the 850 OWL and the 1300 OWL into one light source to provide the widest range of options for multimode optical fiber testing.

High intensity LEDs such as the ones in Dual 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.



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.

