Test Equipment Depot
1-800-517-8431
5 Commonwealth Ave
Woburn, MA 01801
Phone 781-665-1400
Toll Free 1-800-517-8431

Dual OWL

SKU: DO2sc

Multimode Light Source

Features

Stable temperature compensated LED source

Output wavelengths: 850 / 1300nm

SC connectors

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

Combination selected source / Low battery indicator LEDs

Simple two-button 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 +/-30 nm 1300nm +/- 50nm
Spectral Width	60nm @ 850nm 180nm @ 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 source comes installed with the two most commonly used multimode wavelengths - 850nm and 1300nm. The source has an intuitive two-button interface - one button for turning the unit ON or OFF and the other for 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 an 850nm and a 1300nm LED 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.

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.

O.W.L. MANUFACTURER OF QUALITY OPTICAL FIBER TEST EQUIPMENT
OPTICAL WAVELENGTH LABORATORIES™