

Available from:

**CablesPlus**

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Cables Plus, LLC

8504 Glazebrook Ave Richmond, VA 23228 ~ Toll Free (866) 678-5852

www.CablesPlusUSA.com

Multimode Light Source

## Features

Stable temperature compensated LED sources

Contains both commonly used multimode wavelengths: 850 and 1300nm

Available with either ST or SC fiber connectors (replace 'xx' at end of part number with ST or SC to specify connector type)

Extended battery life - up to 30 hours on one 9v battery

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 /-10 nm  
1300nm +/- 50nm

**Spectral Width** 50nm @ 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.

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