

Fiber Optic Light Source

MULTIMODE

Description

Dual OWL Pro series fiber optic light sources offer fiber optic professionals a cost-effective option for high quality multimode fiber testing in a compact, handheld package.

The temperature-compensated outputs are calibrated to couple -20dBm of optical power into multimode fiber. Light source options are offered with either 850nm or 1300nm, or both 850nm and 1300nm sources installed. Single-port versions can also include a VFL option.

The sources are simple to operate with an intuitive two-button interface controlling power and port selection. LED indicators highlight the selected source port and verify that battery power is sufficient to maintain the calibrated output power. Wavelength is indicated by 7-segment LED display.

Dual OWL Pro series light sources come configured with your choice of SC or ST connector ports, as well as a protective rubber boot, re-chargeable Lithium Polymer battery and charger, NIST-traceable certificate of calibration, and CD-ROM with operations manual.



Dual OWL Pro

Pricing

Dual OWL Pro Series Multimode Light Sources

Model #	Wave (nm)		VFL	
	850	1300		
DP8X	●			
DP8V	●		●	
DP3X		●		
DP3V		●	●	
DP83	●	●		

Features

- Multimode LED Source
- Temperature-stabilized output
- 850 and/or 1300nm wavelength options
- Integrated VFL option (single-wave sources only)
- SC connectors
- Intuitive 2-button interface
- Battery power indicator LED
- Re-chargeable Lithium Polymer battery
- NIST Traceable

Applications

- Optical loss measurement*
- Fiber optic link certification*
- Visual fault location†
- Visual fiber identification†

* When used with an optical power meter

† Requires VFL option

Key Specifications

Series	Dual OWL Pro Series
Fiber Type	Multimode
Launch Method	LED
Center Wavelength	850 nm: 850 ± 30 nm 1300 nm: 1300 ± 50 nm
Spectral Width	850 nm: 50 nm 1300 nm: 180 nm
Output Power	-20 dBm
Initial Accuracy	0.1 dB
Battery Life	up to 150 hours (Re-chargeable Lithium Polymer)
Operating Temperature	0 to 55° C
Storage Temperature	0 to 75° C
Dimensions	2.87 x 4.42 x 1.25 in. (72.9 x 112.3 x 31.8 mm)
Weight	10 oz. (284g)

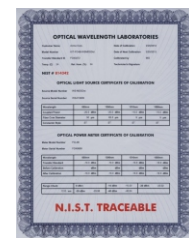
Conforms to the Harmonized European Standards EN 61326-1 and EN 61010-1.

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Factory located in the Heartland of America



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