Singlemode

Laser OWL Series Description

Laser OWL Series fiber optic light sources offer fiber optic professionals a cost effective option for high quality singlemode fiber testing in a compact, handheld package. The temperature compensated outputs are calibrated to couple either of two optical power levels into singlemode fibers: -10dBm (standard) or 0 dBm (high-power). Light source options are offered with either 1310nm or 1550nm, or both 1310nm and 1550nm sources installed. The sources are simple to operate with an intuitive two-button interface controlling power and selecting the output wavelength. LED indicators highlight the selected source and verify that battery power is sufficient to maintain the calibrated output power. Laser OWL Series light sources come configured with your choice of SC, ST, or FC connector ports, as well as a protective rubber boot, carrying strap, 9-volt battery, NIST-traceable certificate of calibration, and CD-ROM with operations manual.

Specifications

Light Source

Center Wavelength	
1310	1310 ± 30 nm
1550	1550 ± 30 nm
Spectral Width	
1310	2 nm
1550	2 nm
Output Power	
standard	-10.0 dBm (FP Laser)
high-power	+ 0.0 dBm (FP Laser)
Output Modes	Continuous Wave

Ordering Info

LO2-13xx	Laser OWL 1310 (1310nm)	645.00
LO2-15xx	Laser OWL 1550 (1550nm)	825.00
LO2xx	Laser OWL (1310/1550nm)	1195.00
LO2-13xx-HP	Laser OWL 1310 High-Power (1310nm)	795.00
LO2-15xx-HP	Laser OWL 1550 High-Power (1550nm)	995.00
LO2xx-HP	Laser OWL High-Power (1310/1550nm)	1450.00

Laser OWL Series light sources are also offered as a part of Micro OWL Series and ZOOM II Series test kits for accurate optical power and loss measurements. See page 4 for more information on the Micro OWL Series, and page 8 for the ZOOM II Series.

If the part number above contains 'xx', please specify 'ST' or 'SC' depending upon your required connector type.

Multimode

Dual OWL Series Description

Dual OWL 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. The sources are simple to operate with an intuitive two-button interface controlling power and selecting the output wavelength. LED indicators highlight the selected source and verify that battery power is sufficient to maintain the calibrated output power. Dual OWL Series light sources come configured with your choice of SC or ST connector ports, as well as a protective rubber boot, carrying strap, 9-volt battery, NIST-traceable certificate of calibration, and CD-ROM with operations manual.

Specifications

Center Wavelength	
850	850 ± 20 nm
1300	1300 + 50 / -10 nm
Spectral Width	
850	35 nm
1300	170 nm
Output Power	-20.0 dBm (LED)
Output Modes	Continuous Wave

Ordering Info

DO2-85st	Dual OWL 850 ST (850nm; ST connector)	169.00
DO2-85sc	Dual OWL 850 SC (850nm; SC connector)	184.00
DO2-13st	Dual OWL 1300 ST (1300nm; ST connector)	325.00
DO2-13sc	Dual OWL 1300 SC (1300nm; SC connector)	340.00
DO2st	Dual OWL ST (850/1300nm; ST connectors)	395.00
DO2sc	Dual OWL SC	420.00

Dual OWL Series light sources are also offered as a part of Micro OWL Series and ZOOM II Series test kits for accurate optical power and loss measurements. See page 4 for more information on the Micro OWL Series, and page 8 for the ZOOM II Series.