

For Immediate Release
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Ondax Offers a Single Frequency Collimated Laser Module

Ondax, a leading manufacturer of Volume Holographic Gratings and Wavelength Stabilized Lasers, expands its product portfolio with the introduction of a Wavelength Stabilized, Single Frequency, and Collimated Laser Module. The lasers come in wavelengths ranging from 636nm to 830nm and are single longitudinal mode with narrow line widths of typically 30MHz (<0.0001nm). The compact round laser module is 3” long by 1” in diameter and includes the laser diode driver and TEC controller. The laser module runs on 3.3 or 5 VDC and comes with an AC adapter to plug into 100-240 VAC. Turn-key modules are also available.

Lawrence Ho, Laser Product Line Manager, said, “Ondax has introduced this new laser module product line to offer our customers increased flexibility in their system design with a plug and play solution. Customers have responded by saying these are the most stable laser diodes we have tested.”

Datasheets can be found at http://www.ondaxinc.com/stabilized_laser.htm and the lasers can be purchased at our online store http://www.ondaxinc.com/storeLD_front.htm or by calling Ondax.

Stabilization is achieved using the Ondax Volume Holographic Grating (VHG) PowerLocker™. The PowerLocker™ VHG is a volume holographic glass grating which diffracts a defined efficiency at a specific wavelength. The gratings increase spectral brightness of laser diodes, locking their wavelength and increasing temperature stability and yield. The PowerLocker™ VHG is available in wavelengths from 350nm to 3microns.

The Ondax Wavelength Stabilized Laser Modules will be on exhibit at the Photonics West 2009 trade show in San Jose, California, January 27 – 29 at booth #5069 in the foyer, outside the main hall.

Applications include Raman Spectroscopy, Data Storage, Flow Cytometry, Metrology, Interferometry, Bio-Tech, Data Storage, Analytical Instrumentation, Particle Counting, Fluorescence, Non-destructive Testing, Sensing and more.

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