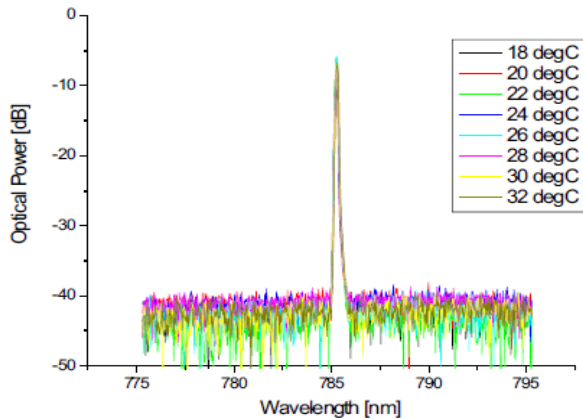
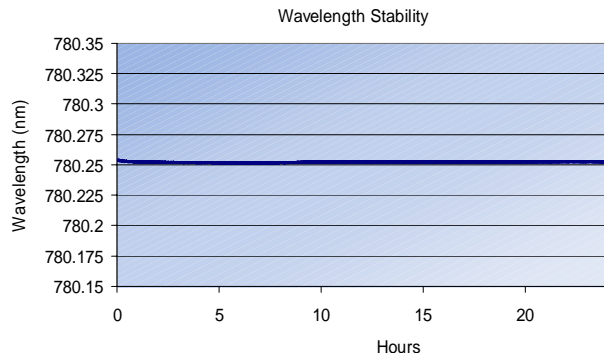


Ondax **SureLock™** lasers are wavelength-locked by the Ondax **PowerLocker®** Volume Holographic Grating (VHG), which provides optical feedback to ensure a precise, stable wavelength and power over time. VHGs enhance laser diode performance by increasing spectral brightness, locking emission wavelength and increasing long-term stability.



PowerLocker® technology ensures long-term power, wavelength and thermal stability



Stabilized Performance – 785nm Raman Laser

Ondax, Inc., located in Monrovia, California is the leading manufacturer of **Volume Holographic Gratings** (VHGs) and wavelength stabilized semiconductor lasers for the industrial, defense, scientific and medical markets. Founded in 2000 by a team from the California Institute of Technology and the University of Bonn, Ondax is the world's largest producer of VHG-based optical components and laser systems. Ondax's technology is protected by >20 patents

Our Products include:

- **PowerLocker® Series** VHG Filters for laser wavelength stabilization
- **SureLock™ Series** wavelength stabilized and single frequency laser
- **PicoPulse™ Series** pulse compression filters
- Beam Combiners, Phase Masks and single and multi-line Spectral Filters.

Wavelengths from U.V. to infrared are available.

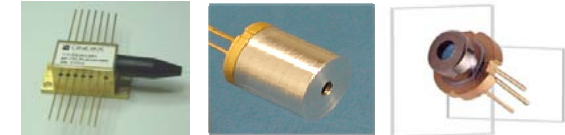
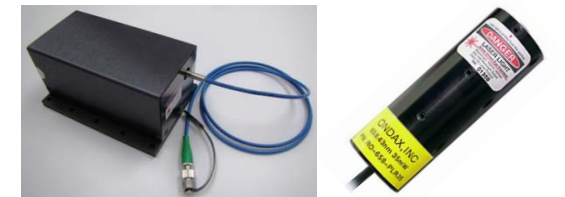


For Immediate Availability and Shipping
Visit our online store at
www.ondax.com

Ondax, Inc.
850 E. Duarte Rd
Monrovia CA 91016
sales@ondax.com
Phone: 626.357.9600

SureLock™ Series

Wavelength Stabilized Single Frequency Lasers



- **Broad Wavelength Coverage**
 - 405nm to 830nm
- **Single Frequency or Narrow Band**
 - Up to 170mW Single Frequency
 - Up to 1W Narrow Band
- **Compact, Rugged and Reliable**
 - TO, Cylindrical and Butterfly
 - Fully Integrated Modules
 - Fiber Coupled or Collimated Output

SureLock™ Series Lasers

SureLock™ Single Frequency Lasers



FCLM Series Fiber Coupled Laser Module



RO Series Collimated Laser Module

Fully Integrated Laser Modules

- Single frequency performance up to 100mW
- Long Coherence Length – Linewidth <50MHz
- Plug and play - includes drive and temperature control electronics
- TTL Modulation Option (FCLM only)
- Collimated output (RO) or Fiber Coupled (FCLM) Configurations
- 405, 640, 658, 685, 780, 785, 808nm and custom wavelengths available

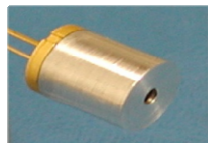
Model	Center Wavelength						
	405	640	658	685	780	785	808
FCLM	6mW SM 12mW MM	2.7mW SM 5.4mW MM	10mW SM 20mW MM	13mW SM 27mW MM	25mW SM 48mW MM	25mW SM 48mW MM	50mW SM 100mW MM
RO	12 mW 40mW	8mW	30 mW	40mW	110mW	75 mW 110mW	150mW
BF						600mW NB	Custom
CP	12 mW 40mW					500mW NB	
TO		9mW	35mW	45mW	80mW 120mW	80mW 120mW	170 mW

All Powers Single Frequency (Except Where Noted as NB)
NB= Narrow Band, SM= Single Mode Fiber, MM = Multimode Fiber

SureLock single frequency and narrow-band VHG-stabilized laser diodes are available at wavelengths from 4p03nm to 860 nm for applications in Raman spectroscopy, flow cytometry, biomedical instrumentation, semiconductor material testing, and scientific research.



BF Butterfly Series



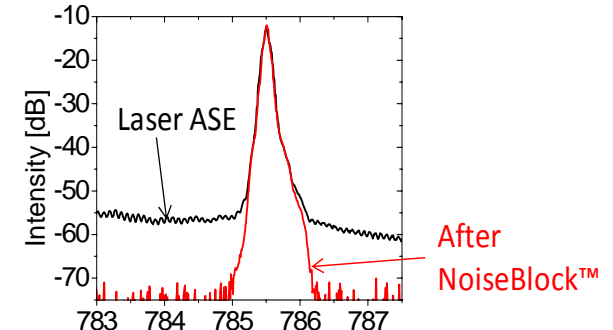
CP Series

High Power Raman Lasers

- Up to 600mW TEM₀₀ Output
- Wavelength stability 0.01nm/°C
- Spectral linewidth 0.15nm
- Fiber Coupled 14 pin Butterfly or Collimated Cylindrical Package
- 785nm and custom wavelengths available

SureBlock™ ASE Suppression Filters

When the Raman illumination source is a semiconductor laser (such as 780nm, 785nm, 830nm), the amplified spontaneous emission (ASE) is broadband and needs to be filtered out with a filter bandwidth comparable to the 50% bandwidth of the notch filter. Ondax provides NoiseBlock™ ASE suppressor (see figure 1) from 400nm to 2500nm.



TO and CP Series

Single Frequency Laser Diodes

- Wavelength stability 0.01nm/°C
- Spectral linewidth <50MHz (405nm < 160MHz)
- Diverging or Collimated Output
- 405, 640, 658, 685, 780.25, 785, 808nm and custom wavelengths available