



# ocean optics product points

## Multimode Laser Subsystem



### The High Power, Multimode Spectrum Stabilized Laser Subsystem

The Spectrum Stabilized Laser features high output power with narrow spectral bandwidth. This unit's stabilized peak wavelength remains locked regardless of case temperature (-10 to +55 °C). Devices can be spectrally tailored to suit application needs and offer side mode suppression ratios (SMSRs) better than 40 dB, thereby providing an extremely high signal-to-noise ratio and making this source ideal for Raman spectroscopy and pump laser applications. The laser is integrated with high performance laser drive and temperature control electronics in a compact package that weighs less than 114 grams.

### Features at a Glance

- Up to 400 mw Fiber Coupled Output Power
- Peak Wavelength 785 nm
- Spectral Linewidth <0.15 nm
- Temperature Stabilized Spectrum (<0.007 nm/°C)
- Low Power Consumption (<5.5 W)
- 40 dB SMSR Typical
- 76.2x63.5x17.5 mm package weighing less than 114 grams.

