HIGH-POWER, FREQUENCY-STABILIZED DIODE LASERS FOR RAMAN APPLICATIONS

Laser Specifications:

- **Wavelength Options**: 632.8 to 1060 nm
  (Standard 632.8, 670, 785, 808, 830, & 850 nm)
- **Linewidth**: ~ 1.5 cm⁻¹ (~0.06 nm)
- **Beam**: Multimode, vertically polarized and collimated
- **Power (into 100 µm Fiber)**: 125 to 300 mW (Depending on wavelength)
  (632.8 nm = 125 mW, 785 nm = 300 mW standard)
- **High Power Capability**: > 1,500 mW (Consult Factory)
- **Frequency Stability**: ~ 0.2 cm⁻¹/wk
- **Intensity Stability**: ~ 0.3%/wk
- **No ASE Filtering** (For most applications)
- **Laser Warranty**: Included (Consult Factory)
- **Case Operating Temperature**: 10 to 38°C
- **Dimensions**: 9.25" x 2.5" x 4.25" (23 cm x 6 cm x 11 cm)
- **Weight**: 4.4 lbs. (2 kg)
- **Power Requirements**: 110 to 240 AC (12 volts DC @ 2.5 A)
- **Conforms to 21CFR 1040.10 & 1040.11, and CE**