

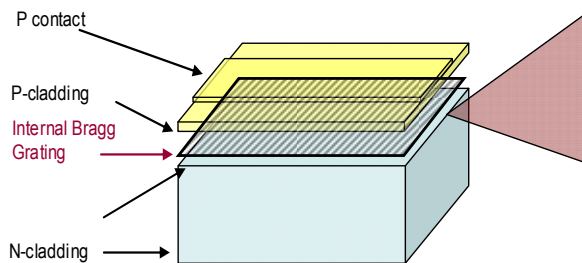
**Features**

- Accurate center wavelength: 795, 808, 880, 976, 1532, 1908 nm
- Narrow linewidth
- Stabilized spectrum: Reduced sensitivity to temperature
- Detachable Fiber
- Fiber delivery with or without armor
- Dichroic filter protection available



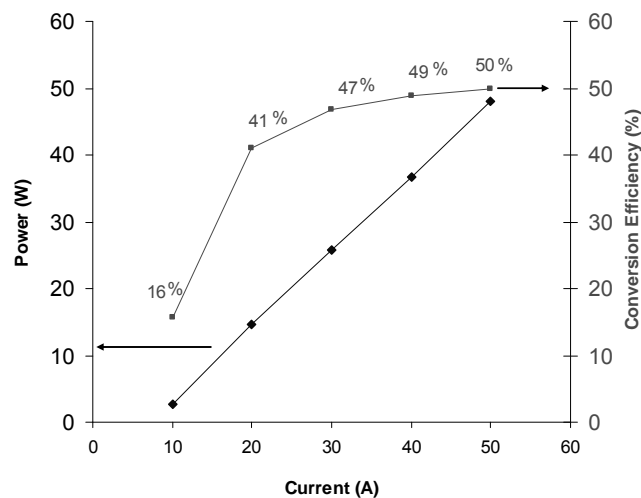
**Applications**

- Fiber laser pumping
- Spectroscopy
- Rb Vapor pumping
- QCW and CW DPSS



**Benefits**

- High performance from fiber lasers
- Reduced thermal requirements
- Athermal pumping
- Reduced system cooling cost
- Enhanced pump absorption
- Relaxed temperature control requirements



Model Number	6107-0000	6108-0000	6108-0005	6109-0000	6115-0000	6119-0000
Output power	≥ 25 W	≥ 30 W	≥ 40W	≥ 25 W	≥ 12 W	≥ 6 W
Operating current	< 42 A	< 44 A	< 80 A	< 48 A	< 60 A	< 60 A
Operating voltage	< 2 V	< 2 V	< 1.9 V	< 1.7 V	< 2 V	< 1.3 V
Center wavelength	795 nm	808.5 nm	880 nm	976 nm	1532 nm	1908 nm
Wavelength tolerance	±1.0 nm	±1.0 nm	±1.0 nm	±1.5 nm	±2 nm	±2 nm
Spectral width (FWHM)	< 0.5 nm	< 0.5 nm	< 1nm	< 0.7 nm	< 2 nm	< 3 nm
Wavelength temperature coefficient	< 0.1 nm/°C	< 0.1 nm/°C	< 0.1 nm/°C	< 0.1 nm/°C	< 0.15 nm/°C	< 0.15 nm/°C
Fiber core diameter (nominal)	400 μm	400 μm	800 μm	200 μm	400 μm	400 μm
Fiber NA (nominal)	0.22	0.22	0.22	0.22	0.22	0.22
Fiber length	2 m	2 m	2 m	2 m	2 m	2 m
Fiber output connector	SMA	SMA	SMA	SMA	SMA	SMA
Operating Temperature	25 °C	25 °C	20 °C	20 °C	25 °C	20 °C

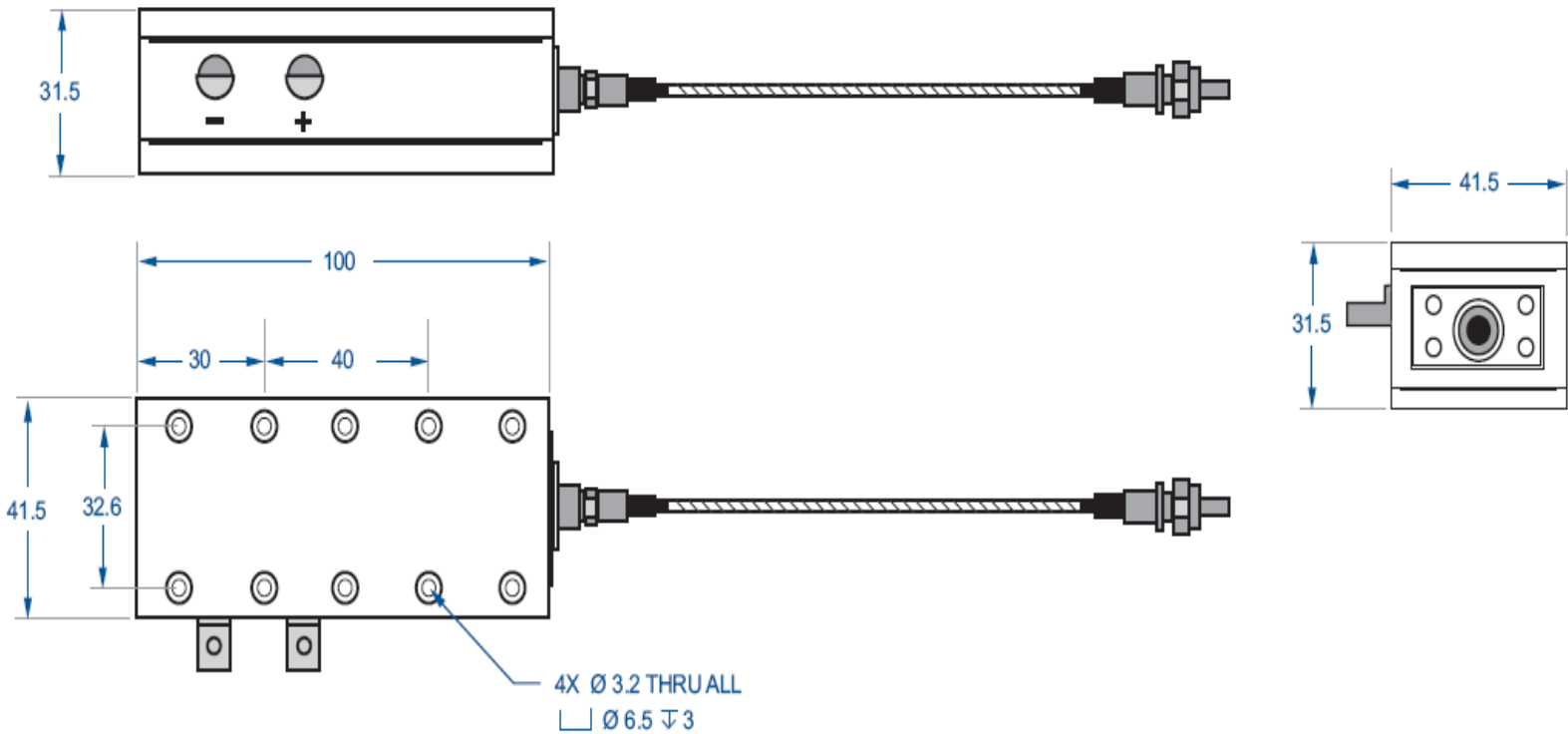
Warning: Class 4 Laser, Invisible Laser Radiation – Avoid Eye or Skin Exposure to Direct or Scattered Radiation.

**Laser Operations LLC**

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## Module Size



*BRIGHTNESS and POWER*

*Breaking Performance Barriers through Semiconductor Laser Innovation*

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