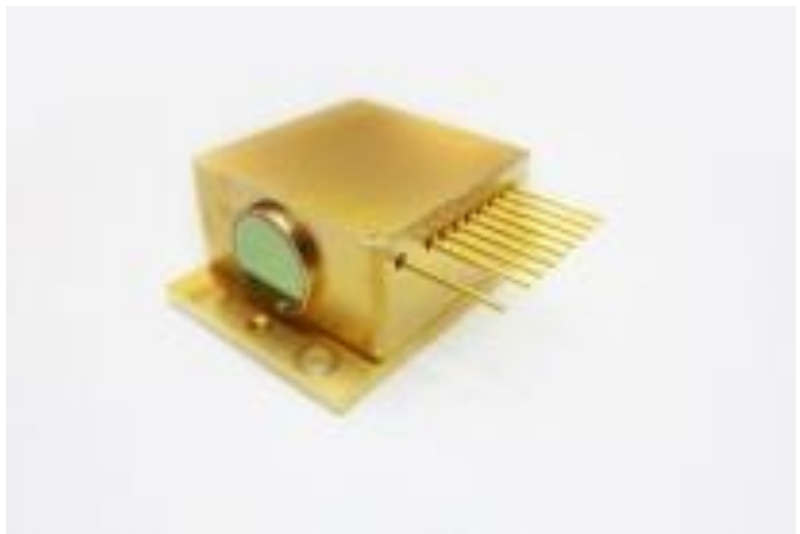


HIGH POWER DIODE LASER

ALC-635-1000-HHL

The High Heat Load (HHL) packaged diode laser is an ideal component for quick prototyping and laboratory setups. It features a built-in thermo-electric cooler (TEC), thermistor for the temperature measurements and a power monitor. The output beam is precisely collimated and circularized.

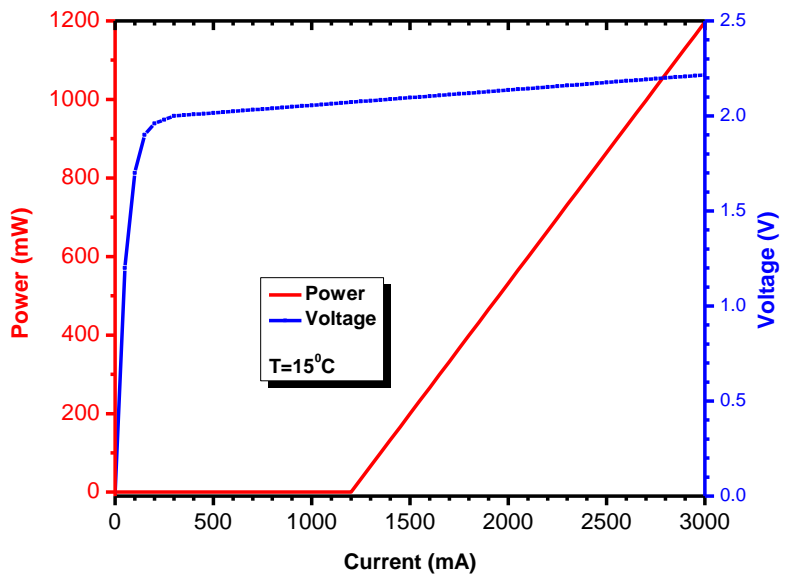


Applications

- Research
- Medical

Specifications

| Optical Parameters | Units | |
|---------------------------------|-------|-------|
| Center Wavelength | nm | 635 |
| Wavelength Tolerance | nm | ±3 |
| Spectral Width (FWHM) | nm | 1.0 |
| Wavelength Temp. Coefficient | nm/°C | 0.4 |
| Output Power | mW | >1000 |
| Operating Current | mA | 2900 |
| Operating Voltage | V | <2.25 |
| Threshold Current | mA | 1200 |
| Beam divergence fast axis, FWHM | mrad | <1 |
| Beam divergence slow axis, FWHM | mrad | <1 |



These components do not comply with the Federal Regulations (21 CFR Subchapter 1) as administered by the Center for Devices and Radiological health.

Purchaser acknowledges that his/her products must comply with these regulations before they can be sold.

Akela laser Corporation reserves right to change any specifications.

AKELA Laser Corporation

1095 Cranbury South River Road, Suite 14, Jamesburg, NJ 08831, USA

Phone: (732) 305-7105 e-mail: info@AKELALaser.com web: www.AKELALaser.com