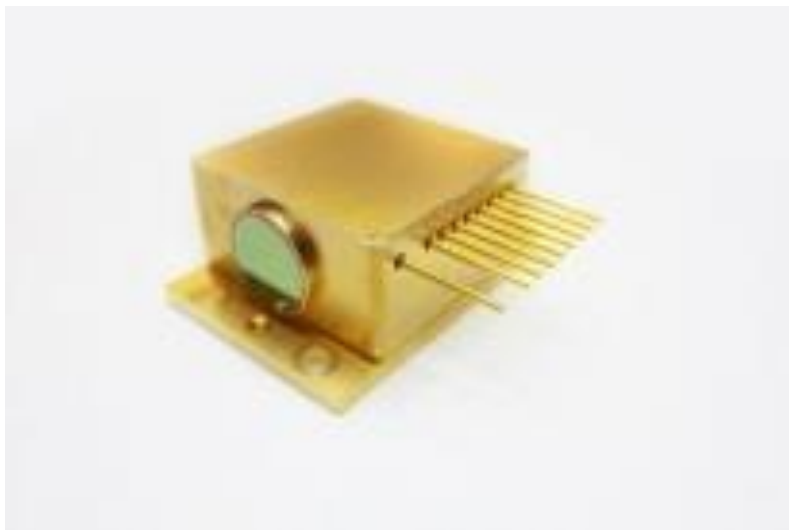


## HIGH POWER DIODE LASER

ALC-450-1500-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.

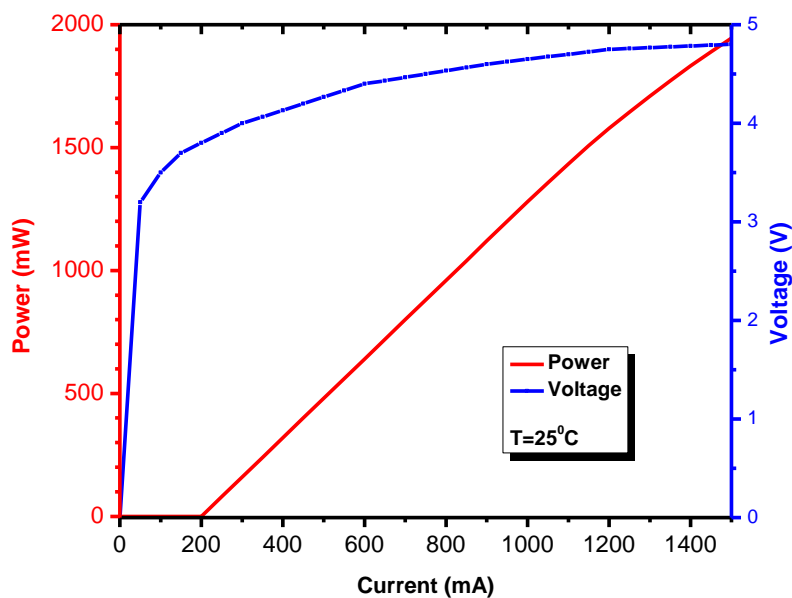


### Applications

- Research
- Medical

### Specifications

Optical Parameters	Units	
Center Wavelength	nm	450
Wavelength Tolerance	nm	±10
Spectral Width (FWHM)	nm	1.5
Wavelength Temp. Coefficient	nm/°C	0.06
Output Power	W	>1.5
Operating Current	mA	1200
Operating Voltage	V	<4.8
Threshold Current	mA	200
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.