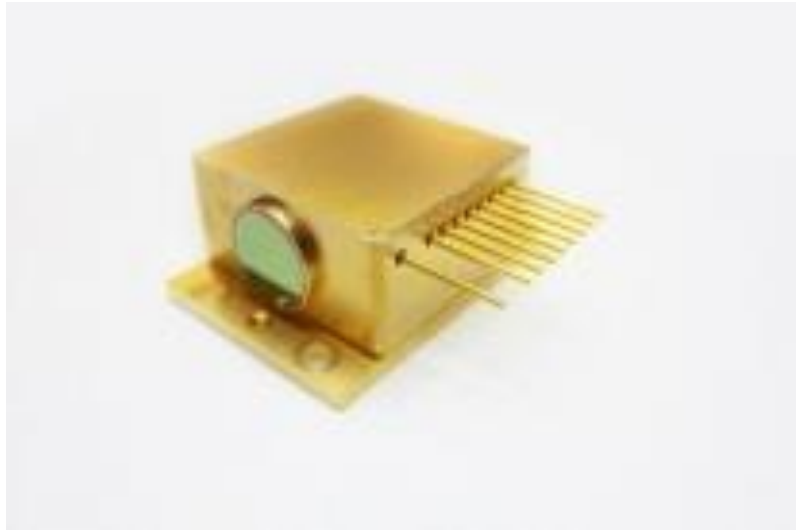


## HIGH POWER DIODE LASER

*ALC-415-0150-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.

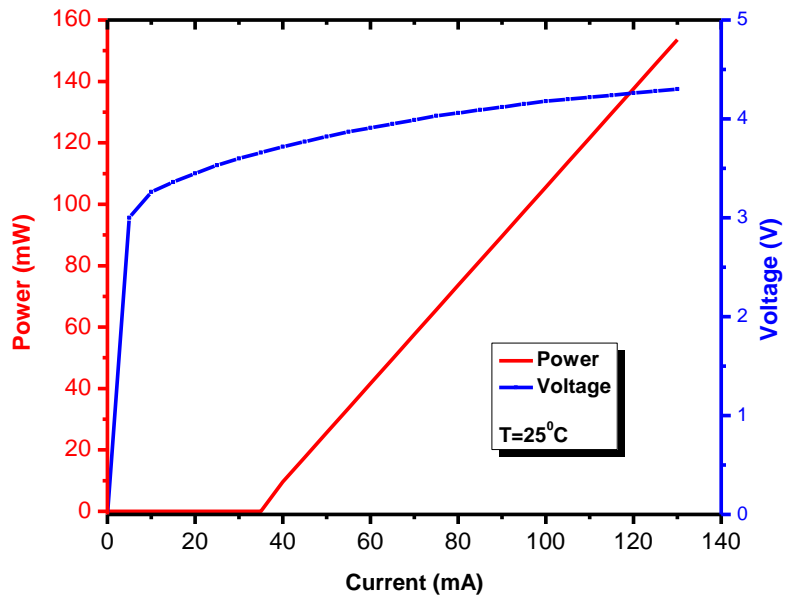


### Applications

- Research
- Medical

### Specifications

Optical Parameters	Units	
Center Wavelength	nm	415
Wavelength Tolerance	nm	±5
Spectral Width (FWHM)	nm	1.3
Wavelength Temp. Coefficient	nm/°C	0.07
Output Power	mW	>150
Operating Current	mA	130
Operating Voltage	V	<4.5
Threshold Current	mA	34
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

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