

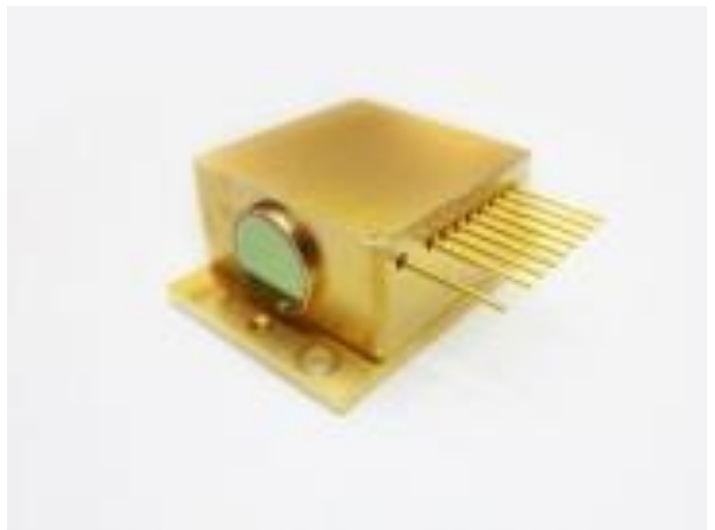
## HIGH POWER DIODE LASER

*ALC-1064-18000-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

- Replacement of Nd:YAG Solid State Laser
- Medical
- Material processing



### Specifications

Optical Parameters	Units	
Center Wavelength	nm	1064
Wavelength Tolerance	nm	±10
Spectral Width (FWHM)	nm	3.0
Wavelength Temp. Coefficient	nm/°C	0.3
Output Power	W	18.0
Operating Current	A	25.0
Operating Voltage	V	<2.0
Threshold Current	A	1.65
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.

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