

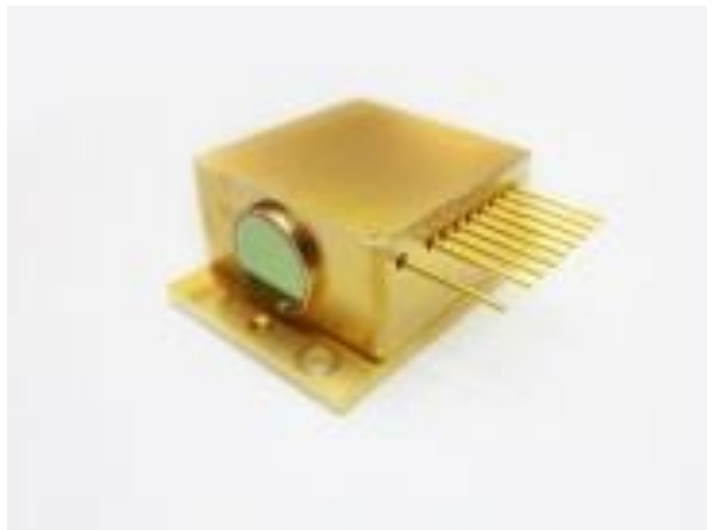
HIGH POWER DIODE LASER

ALC-885-4500-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

- Pumping Nd:YAG Solid State Laser
- Medical
- Material processing



Specifications

Optical Parameters	Units	
Center Wavelength	nm	885
Wavelength Tolerance	nm	±10
Spectral Width (FWHM)	nm	3.0
Wavelength Temp. Coefficient	nm/°C	0.3
Output Power	W	4.5
Operating Current	A	4.6
Operating Voltage	V	<2.1
Threshold Current	mA	350
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.