

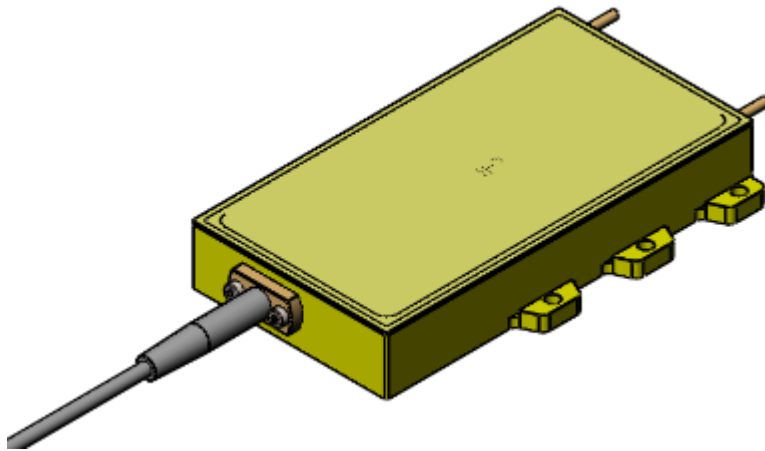


150W 888nm 200μm Fiber Coupled Diode Laser (GK--150-200-0888-0.5-V-2I0)

● Specifications

Optical	Unit	Min	Typical	Max
Output Power	W	150	-	-
Center Wavelength	nm	887.5	888	888.5
Spectral Width (FWHM)	nm	-	0.3	0.8
Beam NA@95% energy	-	-	0.17	-
Wavelength Temperature Coefficient	nm/°C	-	0.01	-
Fiber Core	um	-	200/220	-
Fiber NA/Type	-	-	0.22/step	-
Anti Reflection Wavelength Range	nm	1030	-	1200
Anti-reflective isolation	dB	30	-	-
Optical				
Power Conversion Efficiency	%		48	
Threshold Current	A		1.2	
Operating Current	A		13.0	14
Operating Voltage	V		24.5	26
Oblique efficiency	W/A		12.6	
Spectral locking current range	A	7.0		14.0
Appearance parameters				
Fiber Length	cm	110	120	130
Output form	-		SMA905	
Fiber optic protective sleeves	-		PVC φ3mm	
Outline drawing	-		See Drawing	
Thermal				
Test Temperature	°C		25	
Operating Temperature	°C	-20		50
Storage Temperature	°C	-20		80
PIN Soldering Temperature	°C		260 (10s)	
Top lid temperature	°C			60
Nozzle temperature	°C			50

1. The wavelength temperature coefficient refers to the change in the wavelength of the center of the module for each degree increase in the temperature of the cooling plate.
2. For long-term use, the coiling radius of the fiber should be greater than 300 times the diameter of the cladding.
3. The use of overclocking (overcurrent, overtemperature, etc.) will shorten the life of the module.
4. If you have more needs, please contact us.



● Dimension appearance

