

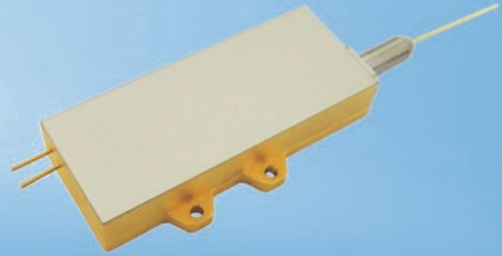


Pumping Source

915nm Diode Laser

Applications

Pumping Source for Fiber Laser and Solid-state Laser



	Typical Value				Units
Optical Parameters (25°C)					
Center Wavelength	915				nm
Center Wavelength Tolerance	±10				nm
CW Output Power	10	20	30	70	W
Spectral Width (90% of Power)	<6.0				nm
Wavelength Shift with Temperature	0.3				nm/°C
Feedback Protection(1030-1100nm)	>40				dB
Threshold Current	0.7	0.7	0.7	0.7	A
Operating Current	11.5	11.5	11.5	11.5	A
Operating Voltage	1.7	3.5	5.4	12.5	V
Slope Efficiency	0.9	1.8	2.7	6.6	W/A
Power Conversion Efficiency	50	50	50	50	%
Fiber Characteristics					
Core Diameter	105				μm
Numerical Aperture	0.22				-
Fiber Length	1.0				m
Fiber Connector ¹	Bare Fiber, SMA905, FC/PC				-
Accessories					
Monitor Photodiode	None				-
Packaging					
Package Model	R2	T2	T3	CH	-
Absolute Ratings					
Operating Temperature	+10~+40				°C
Operating Relative Humidity	<75				%
Storage Temperature	-20~+80				°C
Storage Relative Humidity	<90				%
Soldering Temperature, 10s max	<250				°C

¹ Customized fiber and connector available.

* Other wavelength: 900nm~980nm.