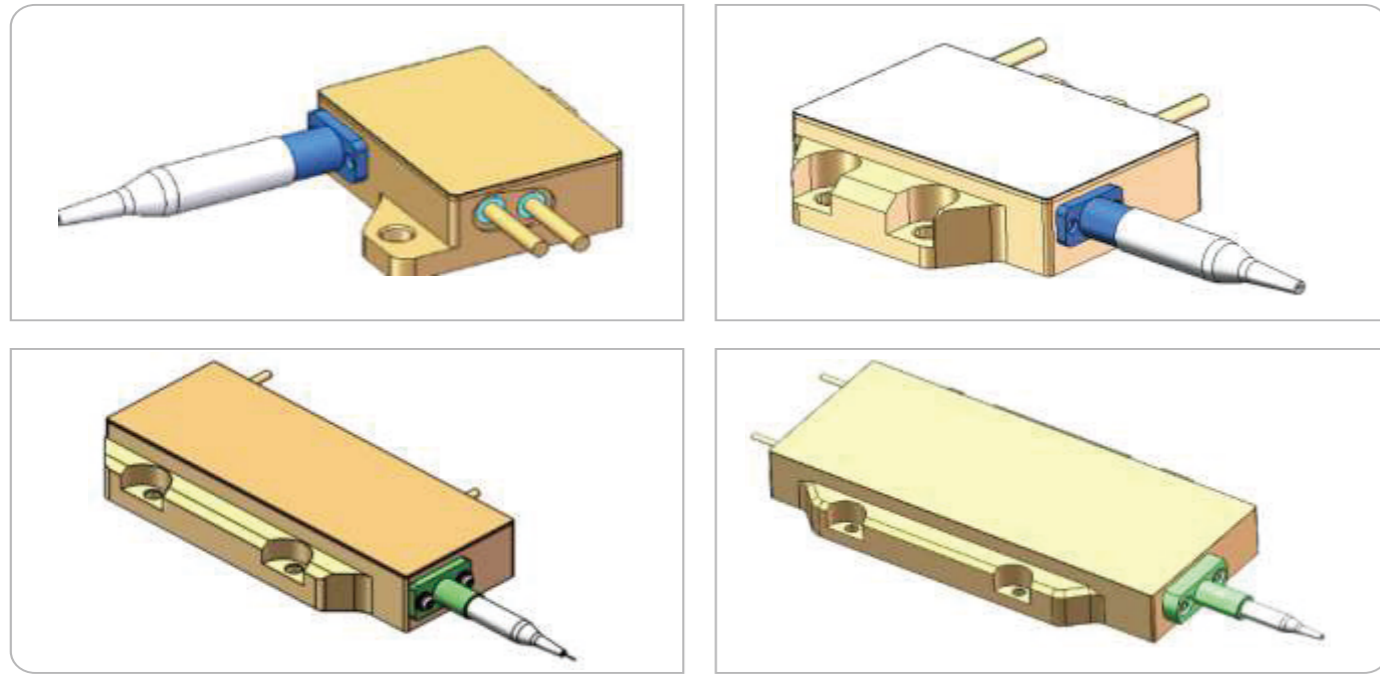


915nm Series Diode Laser

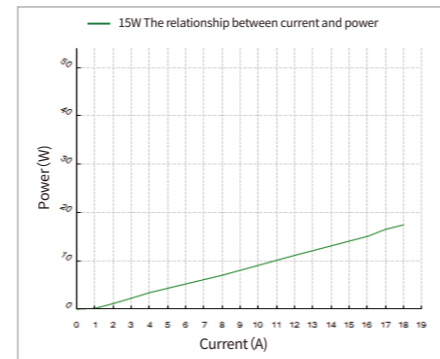


Product Description

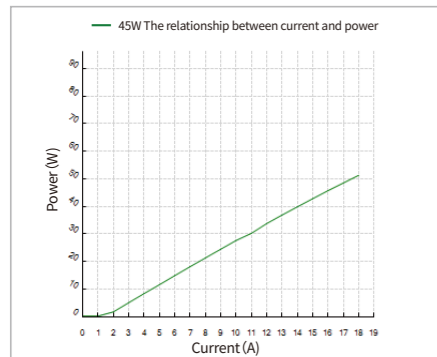
915nm series fiber coupled high power diode laser

Application Advantages

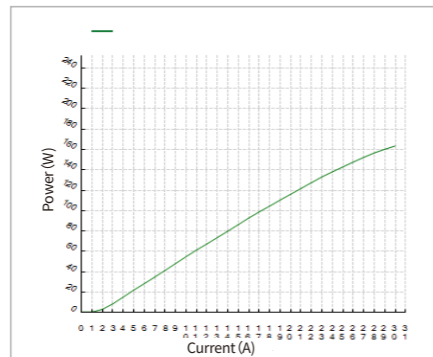
- Multiple single emitter based diode laser, high reliability
- 1040-1200nm Anti-reflection protection



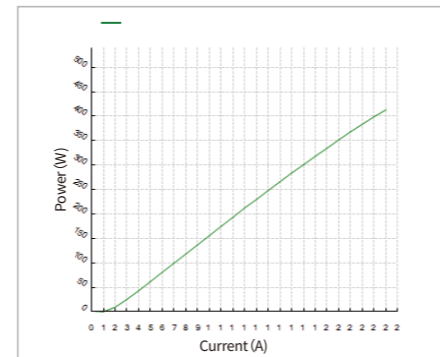
15W Power curve



45W Power curve



150W/370W Power curve



Specifications

Parameter	Unit	Parameter			
Product Model		915-15W	915-45W	915-150W	915-480W
Output Power	W	15	45	150	480
Central Emission Wavelength	nm	915			
Spectral Width (Fwhm)	nm	6			
95% Power Within NA	NA	0.18		0.2	
Anti-reflection Range	nm	1040~1200			
Conversion Efficiency	%	50			
Threshold Current	A	1.3			
Operating Current	A	18		30	
Operating Voltage	V	1.75	5.5	10.5	33
Core Diameter	μm	105		135	200
Fiber Clad Diameter	μm	125		155	220
Operating Temp.	°C	15~40			
Storage Temp.	°C	-20~85			
Wavelength Temperature Coefficient	nm/°C	0.3			
Dimension	mm	62.5×29×10.02	71×42×11.02	122.5×48×17	213.5×72×21.65
Weight	g	≈40	≈87.8	≈360	≈1300

· Customizable products allow flexible configuration of model parameters according to specific needs.