



488nm Blue Diode Laser



Specifications:

Model	SDL-488-LM-XXXXT
Output Power @ 25 °C	1~50mW
Wavelength	488±5nm
LD Mode	Single Mode
Operation Mode	CW
Power Stability over 2 hours after Warm-up	<5%
Beam Divergence (1/e ² , Full Angle)	~1.5mrad
Beam Diameter at the Aperture	~ 4.0 mm
Beam spot outline	Near TEM00
Warm-up Time	< 10 minutes
Pointing Stability after Warm-up	<0.05 mrad
Polarization Ratio	>10:1
Operating Temperature	10°C~35°C
Laser Head	SDL-LH-500: 100x60x40mm
Power Supply	SDL-PS-400: 200x225x82mm
Input voltage	90-265VAC 50/60Hz
Modulation	TTL Modulation >5KHz
Expect Life Time	10000 hours
Warranty Time	1 year

* 4 or 8 hours Longer operation period output power stability are available on request.

* Better (<3%,<1%) power stability are available on request.

* Other version power supply are available on request.

1. OEM AC or DC input version:

SDL-PS-900: 146x76x50mm

* Analog Modulation >2KHz or higher as option.

* Up to 30Khz TTL modulation on request.

* Line output version are available on request.

* Fiber coupled version are available on request.

* Longer warranty on request.

* Other custom-made design is available, please contact us for details.

