



808nm Red Diode Laser



Specifications:

Model	SDL-808-LM-50000T	
Output Power @ 25 °C	50000mW	
Wavelength	808±5nm	
LD Mode	Multi Mode	
Operation Mode	CW	
Power Stability over 2 hours after Warm-up	<5%	
Beam Divergence (1/e², Full Angle)	~40mrad	~20mrad
Beam Diameter at the Aperture	~4.4mm	~8mm
Beam Spot Outline	Rectangle	
Warm-up Time	< 5 minutes	
Pointing Stability after Warm-up	<0.05 mrad	
Operating Temperature	10°C~35°C	
Laser Head	SDL-LH-1000: 238x100x95mm	
Power Supply	SDL-PS-1500: 400*300*150mm	
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.
- * 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.