



680nm Red Diode Laser



Specifications:

Model	SDL-680-LM-XXXT
Output Power @ 25 °C	1~1000mW
Wavelength	680±5nm
LD Mode	Multi Mode
Operation Mode	CW
Power Stability over 2 hours after Warm-up	<5%
Beam Divergence (1/e ² , Full Angle)	< 3mrad
Beam Diameter at the Aperture	~5x8mm
Beam Spot Outline	Near rectangle
Warm-up Time	< 5 minutes
Pointing Stability after Warm-up	<0.05 mrad
Operating Temperature	10°C~35°C
Laser Head	SDL-LH-700 142x73x46mm
Power Supply	SDL-PS-300 134x130x62mm
Input voltage	90-265VAC 50/60Hz
Modulation	TTL Modulation >5KHz
Expect Life Time	10000 hours
Warranty Time	1 year

680nm Fiber Coupled Red Diode Laser



Specifications:

Model	SDL-680-LM-XXXMFL
Output Power at the end of the fiber @ 25 °C	1~800mW
Wavelength	680±5nm
Operation Mode	CW
Power Stability over 2 hours after Warm-up	<5%
Fiber Connector	FC/APC, FC/PC, SMA905, and so on.
Fiber Type	Multi Mode
Fiber Core	62.5um, 100um, 200um, 400um, 600um, 800um, 1000um
Fiber Length	0.4M, 1M, 2M, and so on.
NA.	0.22 or 0.37
Warm-up Time	< 5 minutes
Operating Temperature	10°C~35°C
Laser Head without Coupler	SDL-LH-700 142x73x46mm
Power Supply	SDL-PS-300 134x130x62mm



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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. Current display, power adjustable function version
SDL-PS-400: 200x225x82mm
 2. OEM DC input version.
- * Analog Modulation >2KHz or higher as option.
- * Up to 30Khz TTL modulation on request.
- * Line output version are available on request.
- * Detachable fiber coupled system is available on request.
- * After fiber collimator is available on request.
- * Longer warranty on request.
- * Other custom-made design is available, please contact us for details.

