

## DPSS 671nm Low Noise Red Laser



### Specifications:

<b>Model</b>	<b>SDL-671-LN-XXXX</b>
<b>Output Power @ 25 °C</b>	500~1200mW
<b>Wavelength</b>	671±1nm
<b>Operation Mode</b>	CW, near TEM00
<b>Beam height from base plate (mm)</b>	29mm
<b>Linear Polarization</b>	>100:1
<b>Beam Diameter at the aperture</b>	~3.0mm
<b>Beam Divergence (1/e<sup>2</sup>, Full Angle)</b>	<2.0mrad
<b>Power Stability after warm-up</b>	<1%, <3%, <5% (over 2/4/8 hours)
<b>M2 factor</b>	<2.0
<b>Warm-up time</b>	<15 minutes
<b>Dimension of laser head</b>	156 x 77 x 60mm
<b>Power Supply</b>	SDL-PS-500
<b>Dimension of Power Supply</b>	238 x 146 x 94mm
<b>Input Voltage</b>	90-264VAC, 50/60Hz
<b>Modulation</b>	TTL Modulation >5KHz or analog Modulation >2KHz
<b>Operating Temperature</b>	10°C~35°C
<b>Expect life time</b>	10000 hours
<b>Noise of amplitude (rms, 1~20MHz)</b>	<1%
<b>Warranty time</b>	1 year