

## 635nm Lasers (50-500mW)



### Specifications:

<b>Model</b>	<b>SDL-635-LM-XXXX</b>
<b>Output Power @ 25 °C</b>	50-500mW
<b>Wavelengths</b>	635±5nm
<b>Transverse mode</b>	TE00
<b>Operating Mode</b>	CW
<b>Power Stability after warm-up</b>	<1%, <3%, <5% (over 2/4/8 hours)
<b>Warm-up time</b>	<5 minutes
<b>Beam divergence (1/e<sup>2</sup>, Full Angle)</b>	<3mrad
<b>Beam diameter at the aperture</b>	<6mm
<b>M2 factor</b>	<20
<b>Point stability after warm-up</b>	<0.05mrad
<b>Spectral linewidth (nm)</b>	<1.5
<b>Polarization ratio</b>	>50:1
<b>Operating temperature</b>	10-35 °C
<b>Dimensions of Laser head</b>	127 x 36 x 40mm
<b>Power Supply</b>	SDL-PS-900
<b>Dimensions of Power Supply</b>	103 x 76 x 35mm
<b>Modulation</b>	TTL Modulation or Analog Modulation
<b>Expect life time</b>	10000 hours
<b>Warranty time</b>	1 year