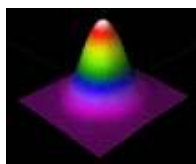


## DPSS 1342nm Infrared Laser



### Specifications:

<b>Model</b>	<b>SDL-1342-XXXT</b>
<b>Output Power @ 25 °C</b>	4-6W
<b>Wavelength</b>	1342+/-1nm
<b>Operation Mode</b>	CW, TEM00
<b>Spectral line width</b>	<0.1nm
<b>Power stability after warm-up</b>	<1,<3%,<5% (over 2/4/8 hours)
<b>Warm-up time</b>	< 10 minutes
<b>M2 factor</b>	< 2
<b>Beam divergence (1/e2, Full Angle)</b>	<2.0mrad
<b>Beam diameter at the aperture</b>	<3.0mm
<b>Point stability after warm-up</b>	<0.05mrad
<b>Polarization ratio</b>	>100:1
<b>Ellipticity of beam</b>	< 10%
<b>Operating temperature</b>	10-35°C
<b>Dimension of Laser head</b>	333 x 140 x 125mm
<b>Power supply</b>	SDL-PS-800
<b>Dimension of power supply</b>	300 x 162 x 134mm
<b>Expect life time</b>	10000 hours
<b>Warranty time</b>	1 year