

DPSS 1342nm Infrared Laser



Specifications:

Model	SDL-1342-XXXX
Output Power @ 25 °C	1200-1800mW
Wavelength	1342+/-1nm
Operation Mode	CW, near TEM00
Power stability after warm-up	<1%, <3%, <5% (over 2/4/8 hours)
Warm-up time	<10 minutes
M2 factor	<2.0
Beam Divergence (1/e², Full Angle)	< 2.0mrad
Beam diameter at the aperture	~3.0mm
Beam height from base plate (mm)	29mm
Polarization ratio	>100:1
Point stability after warm-up	<0.05mrad
Operating temperature	10-35°C
Dimensions of laser head	156 × 77 × 60mm
Power supply	SDL-PS-500
Dimensions of power supply	238 x 146 x 94mm
Modulation	TTL Modulation >5KHz or Analog Modulation >2Khz
Expect life time	10000 hours
Warranty time	1 year