

DPSS 473nm Blue Laser Module



Specifications:

Model	SDL-473-XXXX
Output Power @ 25 °C	1-100mW
Wavelength	473±1nm
Operation Mode	CW, TEM00
Power stability after warm-up	<1%, <3%, <5% (over 2/4/8 hours)
Warm-up time	< 10 minutes
M2 factor	<1.2
Beam Divergence (1/e², Full Angle)	< 1.5mrad
Beam diameter at the aperture	~2.0mm
Beam height from base plate (mm)	24.8mm
Polarization ratio	>100:1 (0 or 90 degree)
Noise of amplitude (rms, 1~20MHz)	~30%
Point stability after warm-up	<0.05mrad
Operating temperature	10°C~35°C
Dimensions of Laser head	142 × 73 × 46mm
Power supply	SDL-PS-300
Input Voltage	90-264VAC or 5V DC
Modulation	TTL Modulation or Analog Modulation
Expect life time	10000 hours
Warranty time	1 year