

DPSS 1047nm Infrared Laser



Specifications:

Model	SDL-1047-XXXT
Output Power @ 25 °C	1-2000mW
Wavelength	1047+-1nm
Operation Mode	CW, TEM00
Power stability after warm-up	<1,<3%,<5% (over 2/4/8 hours)
M2 factor	< 1.5
Warm-up time	< 10 minutes
Beam divergence (1/e2, Full Angle)	< 1.5mrad
Beam diameter at the aperture	<2.0mm
Polarization ratio	> 50:1
Point stability after warm-up	<0.05mrad
Operating temperature	10°C~35°C
Dimension of laser head	142 × 73 × 46mm
Power Supply	SDL-PS-300
Dimension of power supply	130 × 120 × 62mm
Modulation	TTL Modulation >5KHz or analog Modulation >2KHz
Expect life time	10000 hours
Warranty time	1 year