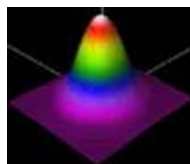


DPSS 946nm Low Noise Infrared Laser



Specifications:

Model	SDL-946-LN-XXXT
Wavelength	946nm
Operation Mode	CW, TEM00
Output Power @ 25 °C	1~500mW
M2 factor	<1.5
Power Stability after warm-up	<1%, <3%, <5% (over 2/4/8 hours)
Noise of amplitude	<1% (RMS, 10Hz - 20MHz)
Warm-up time	<15 minutes
Beam divergence (1/e2, Full Angle)	<1.5mrad
Beam diameter at the aperture	< 2mm
Coherent Length	>1M
Spectral line width	<0.1nm
Polarization ratio	>100:1 (0 or 90 degree)
Point stability after warm-up	<0.05mrad
Operating temperature	10-35°C
Dimension of laser head	142 × 73 × 46mm
Power supply	SDL-PS-300
Dimension of power supply	130 x 120 x 62mm
Expect life time	10000 hours
Warranty time	1 year