

DPSS 593nm Low Noise Yellow Laser



Specifications:

Model	SDL-593-LN-XXXT
Output Power @ 25 °C	1-30mW
Wavelength	593±1nm
Operation Mode	CW ~TEM00
Linewidth	<0.1nm
Linear Polarization	>100:1
Beam Diameter at the aperture	< 1.5mm
Beam Divergence (1/e2, Full Angle)	<1.5mrad
Power Stability after warm-up	<1%, <3%, <5% (over 2/4/8 hours)
Point Stability after warm-up	0.05mrad
Noise of amplitude	<1% (RMS, 10Hz - 20MHz)
Warm-up time	<15 minutes
Dimension of Laser head	142 x 73 x 46mm
Power Supply	SDL-PS-300
Input Voltage	85~250VAC, 50/60Hz
Dimension of power supply	130 x 120 x 62mm
Operating Temperature	10°C~35°C
Expect life time (hours)	10000 hours
Warranty time	1 year