

946nm DPSS Infrared Laser



Specifications:

Model	SDL-946-XXXT
Output Power @ 25 °C	800~1000mW
Wavelength	946±1nm
Operation Mode	CW, near TEM00
Beam height from base plate (mm)	29mm
Linear Polarization	>100:1
Beam Diameter at the aperture	~3. 0mm
Beam Divergence (1/e², Full Angle)	<2.0mrad
Power Stability after warm-up	<1%, <3%, <5% (over 2/4/8 hours)
M2 factor	<2.0
Warm-up time	<10 minutes
Dimension of laser head	156 x 77 x 60mm
Power Supply	SDL-PS-500
Dimension of Power Supply	238 x 146 x 94mm
Input Voltage	90-264VAC, 50/60Hz
Modulation	TTL Modulation >5KHz or analog Modulation >2KHz
Operating Temperature	10°C~35°C
Expect life time	10000 hours
Warranty time	1 year

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