

940nm Infrared Lasers



Specifications:

Model	SDL-940-LM-XXXX
Output Power @ 25 °C	1-500mW
Wavelength	CW 940±3nm
Operation Mode	TE ₀₀
Linewidth	<0.1nm
Linear Polarization	>50:1
Beam Diameter at the aperture	5.0-8.0mm
Beam Divergence (1/e², Full Angle)	< 5mrad
Power Stability after warm-up	<1%, <3%, <5% (over 2/4/8 hours)
Wavelength stability	< 0.5nm
Warm-up time	<5 minutes
Dimension of laser head	102 x 39 x 39mm
Power Supply	SDL-PS-200
Input Voltage	85~250VAC, 50/60Hz
Point stability after warm-up	<0.05mrad
Modulation	TTL Modulation >5KHz or analog Modulation >2KHz
Operating Temperature	10°C~35°C
Dimensions of power supply	174 x 75 x 40mm
Expect life time	10000 hours
Warranty time	1 year

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