

Blue 473nm Single Longitudinal Mode Laser

Specifications

Model Number	B473-50-SLM
Optical Specifications	
Wavelength	473 $\pm$ 1nm
Output Power at 25°C	$\geq$ 50mW
Spectral Bandwidth	0.1nm
Transverse Mode	TEM00
Operation Mode	CW
Power Stability over 2 hours after Warm-up	<5%
Noise of Amplitude (RMS, 1~20MHz)	/
Longitudinal mode	Single
Coherent length(m)	$\sim$ 0.2
M2 factor	<1.2
Beam Diameter at the Aperture	$\sim$ 2mm
Polarization Ratio	>100:1 (0 or 90 degree)
Warm-up Time	<15minutes
Operating Temperature	10°C~35°C
Cooling System	Fan
Mechanical Specifications	
Dimension of Laser Head	142 (L) x 73 (W) x 46 (H) mm
Dimension of Power Supply	134 (L)x130 (W) x62(H)mm
Dimensional Tolerances	+/- 1 mm
Input Voltage	90-265VAC 50/60Hz
Expect Life Time	10000hours

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Photos

Laser and Power Supply

