

DPSS 457nm Deep Blue Laser



Specifications:

Model	SDL-457-XXXT
Output Power	600-1000mW
Wavelength	457±1nm
Operation Mode	CW, TEM01
Power stability after warm-up	<1%, <3%, <5% (over 2/4/8 hours)
Warm-up time	<10 minutes
M2 factor	<2.0
Beam Divergence (1/e², Full Angle)	< 1.5mrad
Beam diameter at the aperture	~3.0mm
Beam height from base plate (mm)	45mm
Polarization ratio	>100:1
Point stability after warm-up	<0.05mrad
Operating temperature	10-35°C
Dimensions of laser head	212 × 88 × 74mm
Power supply	SDL-PS-500
Dimensions of power supply	238 x 146 x 94mm
Modulation	TTL Modulation >10KHz or Analog Modulation >2KHz
Expect life time	10000 hours
Warranty time	1 year