

514nm Low Noise Lasers



Specifications:

Model

Output Power @ 25 °C

Wavelength

Transverse Mode

Operation Mode

Power Stability over 2 hours after Warm-up

Pointing Stability after Warm-up

Warm-up Time

M2 Factor

Beam Divergence (1/e², Full Angle)

Beam Diameter at the Aperture

Polarization Ratio

RMS Noise

Operating Temperature

Laser Head

Power Supply

Input voltage

Modulation

Expect Life Time

Warranty Time

SDL-514-LN-020T

>20mW

514±2nm

TEM00

CW

<2 % (2 hours, ±3 °C)

<30 μrad/°C

< 5 minutes

≤ 1.1

<1.3 mrad

~ 0.70 ± 0.05 mm

>100:1 Vertical

≤0.25 % (20 Hz – 2 MHz)

10°C~35°C

SDL-LH-900: 212x88x74mm

SDL-PS-500: 240x146x104mm

90-265VAC 50/60Hz

TTL Modulation >5KHz

10000 hours

12 Months

* 4 or 8 hours Longer operation period output power stability are available on request.

* Better power stability are available on request.

* Other version power supply are available on request.

1. Current display, power adjustable function version

SDL-PS-600: 200x290x120mm.

2. OEM DC input version.

* Analog Modulation >2KHz or higher as option.

* Up to 30Khz TTL modulation on request.

* Line output version are available on request.

* Fiber coupled version are available on request.

* Longer warranty on request.

* Other custom-made design is available, please contact us for

