

561 nm LD Pumped All-Solid-State Green Laser Module Core OEM-I-561

Model #: OEM-I-561

Description: Diode laser pumped all-solid-state yellow laser module at 561 nm OEM-I-561 features ultra-compact, long lifetime, cost-effective and easy operation. It is designed for system integration for instrument manufacturers.

Application: medical treatment, scientific experiments, optical instrument, etc.

Specifications

Wavelength (nm)	561 ± 1	
Operation Mode	CW	
Output Power (mW)	>1, ..., 100, ...300	
Power Stability (rms, over 4 hours)	< 3%, <5%	
Transverse Mode	Near TEM ₀₀	
Beam Divergence, Full Angle (mrad)	~1.5	
Beam Diameter at aperture (1/e ² , mm)	~4.0	
Warm-up Time (minutes)	<10	
Operating Temperature (C°)	10 ~ 35	
Beam Height from Base Plate (mm)	19 (OEM-I-561)	84.5 (I-561-HS)
Power Supply (90-264VAC or 5V DC)	PSU-OEM-I	PSU-I-HS
Modulation	TTL or Analog with 1Hz-1KHz, 1KHz -10KHz, 10KHz – 30 KHz optional	
Expected Lifetime (hours)	10000	
Warranty Period	1 year	

Note: The laser needs to be placed on a heat sink with good head dissipation

Ordering Information: OEM-I-561-A-B; OEM-I-561-HS-A-B

A: maximum output power	B: power stability
150 - 150 mW	3 – 3%
200 – 200 mW	5 – 5%
300 – 300 mW	
X - other	

OEM-I-561	
<p>OEM-I-561 Head</p> <p>112 (L) x 64 (W) x 26 (H) mm³, 0.5 kg</p>	<p>PSU-OEM-I (driver)</p> <p>100 (L) x 94 (W) x 33 (H) mm³, 0.3 kg</p>
I-561-HS	
<p>I-561-HS Head (incl. heat sink)</p> <p>112 (L) x 112 (W) x 92 (H) mm³, 1.1 kg</p>	<p>PSU-I-HS (Driver)</p> <p>142 (L) x 104 (W) x 50 (H) mm³, 0.8 kg</p>

