

## 405 nm Violet Diode Laser OEM-HD-405

**Model #:** OEM-HD-405

**Description:** OEM-HD-405 series violet diode laser module at 405nm features ultra-compact, long lifetime, cost-effective and easy operating.


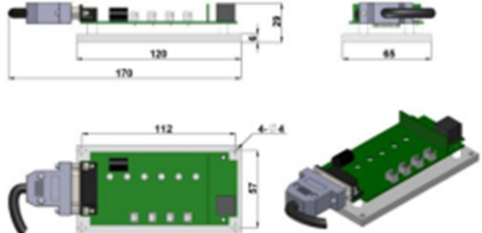
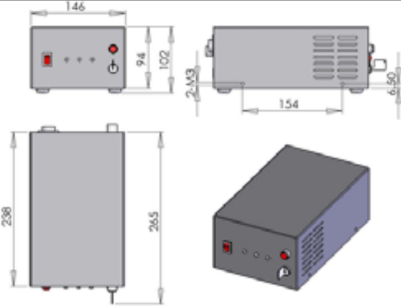
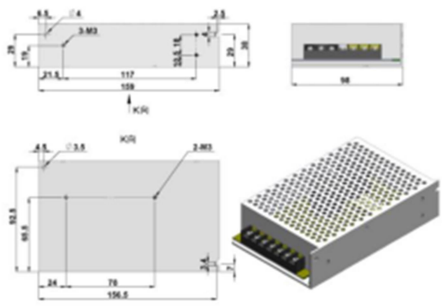
**Application:** Integrated into customer equipment, measurement, communication, spectrum analysis

### Specifications:

Wavelength (nm)	405 ± 5
Output Power (mW)	2000, 3000, 4000, 5000
Operating Mode	CW
Power Stability (rms, over 4 hours)	<1%, 2%, 3%
Warm-up Time (minutes)	<5
Beam Divergence, Full Angle (mrad)	< 1.0 x 0.6
Beam Diameter at the Aperture (mm)	~ 6 x 7
Beam Height from Base Plate (mm)	35
Polarization Orientation	Horizontal and vertical
Operating Temperature (C°)	25 ± 3
Power Supply (90-264VAC or 6V, 10V DC 8A)	PSU-PN7-OEM or PSU-PN7-OEM-H
Modulation	TTL or analog 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz modulation optional
Expected Lifetime (hours)	10000
Warranty Period	1 year

### Ordering Information: OEM-HD-405-A-B-C

A: maximum output power	B: power stability	C: power driver
2000 – 2000 mW	1 – 1%	1 - PSU-PN7-OEM
3000 - 3000 mW	2 – 2%	2 - PSU-PN7-OEM-H
4000 - 4000 mW	3 - 3%	
5000 – 5000 mW		

<p style="text-align: center;"><b>OEM-HD-405</b></p>  <p style="text-align: center;">150 (L)×114 (W) ×60(H) mm<sup>3</sup>, 3.0kg</p>	<p style="text-align: center;"><b>PSU-PN7-OEM</b></p>  <p style="text-align: center;">120 (L) ×65(W) ×29 (H) mm<sup>3</sup>, 0.3 kg</p>
<p style="text-align: center;"><b>PSU-PN7-OEM-H</b></p>  <p style="text-align: center;">140 (L) x 80 (W) x 67 (H), 0.6kg</p>	<p style="text-align: center;"><b>Accessory (power supply 100-240VAC)</b></p>  <p style="text-align: center;">159 (L) x 98 (W) x 38 (H), 0.6 kg</p>

