

## OEM 405 nm Violet-blue Diode Laser OEM-XD-405

**Model #:** OEM-XD-405

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

**Application:** Integrated into customer equipments



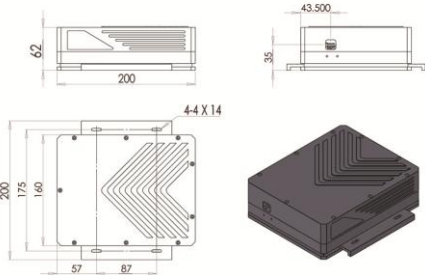
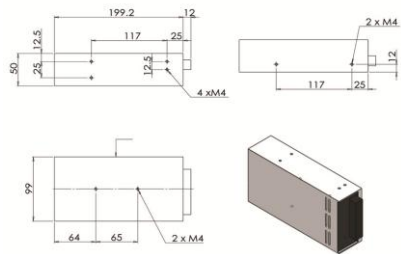

### Specifications

Wavelength (nm)	405 ± 5
Output Power (mW)	8000, 10000
Operating Mode	CW
Power Stability (rms, over 4 hours)	<1%, 3%, <5%
Warm-up Time (minutes)	<5
Beam Divergence, Full Angle (mrad)	0.8 x 0.6
Beam Diameter at the Aperture (mm)	~ 6 x 7
Beam Height from Base Plate (mm)	34.5
Polarization Orientation	Horizontal and vertical
Operating Temperature (C°)	25 ± 3
Power Supply (90-264VAC or 6V, 10V DC 8A)	PSU-XD-OEM
Modulation	TTL on/off (Optional: TTL or analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz modulation)
Expected Lifetime (hours)	10000
Warranty Period	3 months excluding LD failure

Note: The power supply needs to be with an over current protection function

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

A: maximum output power	B: power stability	C: power driver
8000 - 8000 mW	1 – 1%	1 - PSU-XD-OEM
10000 - 10000 mW	3 – 3%	
	5 - 5%	

OEM-XD-405	Adaptor
 <p data-bbox="397 478 808 499"><b>200 (L)×200 (W) ×62(H) mm<sup>3</sup>, 0.8kg (without heat sink)</b></p>	 <p data-bbox="995 478 1226 499"><b>211.2 (L) ×99(W) ×50 (H) mm<sup>3</sup></b></p>
	
PSU-XD-OEM	
 <p data-bbox="483 1287 722 1308"><b>233 (L) ×126(W) ×70.5 (H) mm<sup>3</sup></b></p>	
