

OEM 405 nm Violet-blue Diode Laser OEM-D-405

Model #: OEM-D-405

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

Application: Integrated into customer equipments



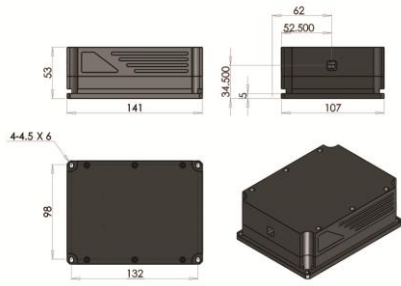
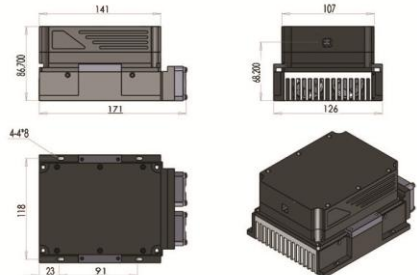


Specifications

Wavelength (nm)	405 ± 5	
Output Power (mW)	1000	2000
Operating Mode	CW	
Power Stability (rms, over 4 hours)	<1%, 3%, <5%	
Warm-up Time (minutes)	<5	
Beam Divergence, Full Angle (mrad)	0.4 x 0.3	
Beam Diameter at the Aperture (mm)	~ 4 x 7	~ 8 x 3
Beam Height from Base Plate (mm)	34.5 (without heat sink)	68.2 (with heat sink)
Polarization Orientation	Horizontal or vertical	
Operating Temperature (C°)	25 ± 3 (without heat sink)	10 ~ 35 (with heat sink)
Power Supply (90-264VAC or 6V, 10V DC 8A)	PSU-D-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: MBL-III-405-A-B-C

A: maximum output power	B: power stability	C: power driver
1000 - 1000 mW	1 – 1%	1 - PSU-D-OEM
2000 - 2000 mW	3 – 3%	
	5 - 5%	

<p style="text-align: center;">OEM-D-405</p>  <p style="text-align: center;">141(L)×107(W) ×53(H) mm³, 0.8kg (without heat sink)</p>	<p style="text-align: center;">OEM-D-405-HS</p>  <p style="text-align: center;">171 (L) ×126(W) ×86.7 (H) mm³, 1.5kg (with heat sink)</p>
	
<p style="text-align: center;">PSU-D-OEM</p>  <p style="text-align: center;">86 (L) ×47(W) ×52 (H) mm³, 0.10kg</p>	<p style="text-align: center;">Accessories</p>  <p style="text-align: center;">12V7A adaptor</p>
