

MDL-D-405-OEM/1-2W



OEM VIOLET DIODE LASER  
AT 405nm

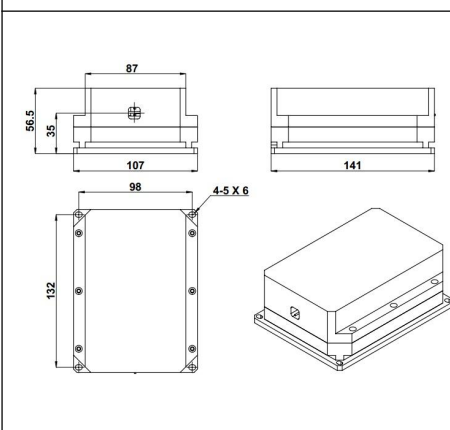
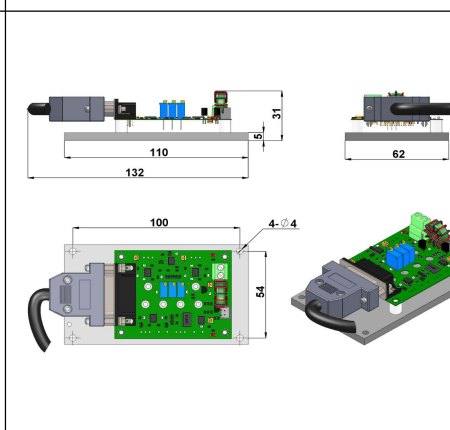
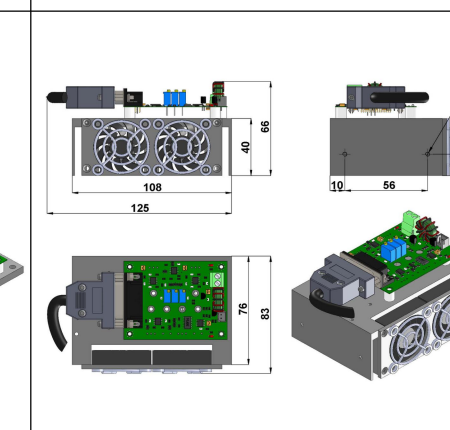
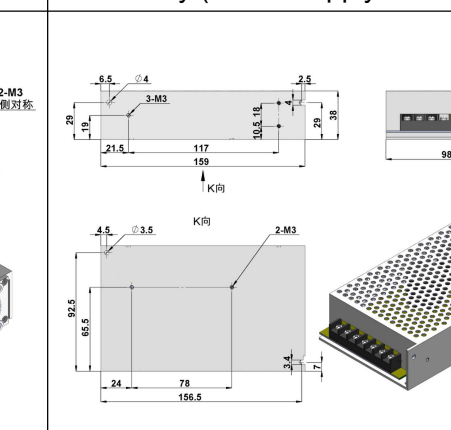
It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are widely used in measurement, communication, spectrum analysis.



SPECIFICATIONS

Central wavelength (nm)	405±5
Operating mode	CW
Output power (mW)	>1000, 1100, ..., 2000
Power stability (rms, over 4 hours) at 25°C	<1%, <2%, <3%
Polarization direction	Horizontal+ Vertical
Beam diameter at the aperture (mm)	~4×8
Beam divergence, full angle (mrad)	<0.5×0.3
Warm-up time (minutes)	<5
Beam height from base plate (mm)	35
Operating temperature (°C)	25+/-3
Driver (24VDC 4.5A)	PSU-6R-OEM/ PSU-6R-OEM-H
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional
Expected lifetime (hours)	10000
Warranty	1 year



MDL-D-405-OEM	PSU-6R-OEM	PSU-6R-OEM-H	Accessory (Power supply 100-240VAC)
 <p>141(L)×107(W)×56.5(H)mm<sup>3</sup>, 2.2kg</p>	 <p>110(L)×62(W)×31(H) mm<sup>3</sup>, 0.2kg</p>	 <p>108(L)×83(W)×66(H) mm<sup>3</sup>, 0.5kg</p>	 <p>159 (L) ×98(W) ×38(H) mm<sup>3</sup>, 0.6kg</p>