

YL-I-638/ 525/ 450/ 980/ 808/ 71W

DIODE LASER AT 638/ 525/ 450/ 980/ 808nm

The 638/ 525/ 450/ 980/ 808nm diode laser features an ultra-compact design, a long lifetime, and easy operation. It is also easy to install in customers' equipment.

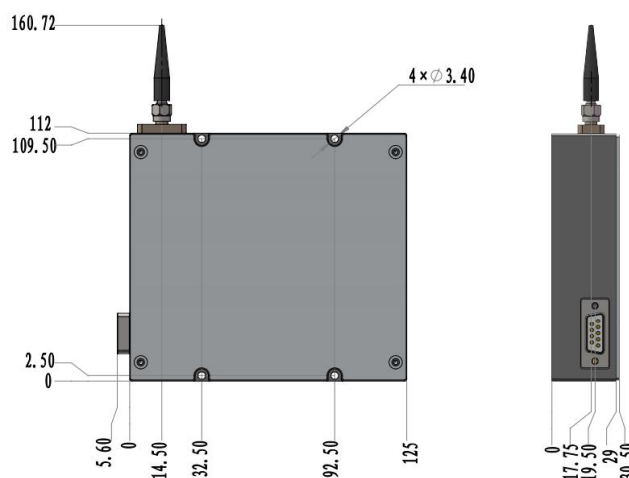


SPECIFICATIONS

Wavelength (nm)	638±10	525±10	450±10	980±10	808±10
Output power (W) @ after 200um fiber ¹	0.4	3.9	4	30	33
Fiber Core Diameter (um)	200, 400, 600, 0.22NA				
Fiber Connector	SMA905, FC/PC optional				
Fiber lengths ²	1m				
Fiber Jacket	PVC, Metal optional				
Power stability (rms, 4 hours±3°C)	<2% , <1%				
Cooled method	Air cooled				
Operation voltage (V)	2.3	13.8	4.3	4.65	5.4
Operation current (A)	1.1	1.9	3	13	12
Operation temperature (°C)	15-35				
Storage temperature (°C)	-20-50				
Modulation option	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz optional; TTL and Analog optional				
Expected lifetime (hours)	>10000				

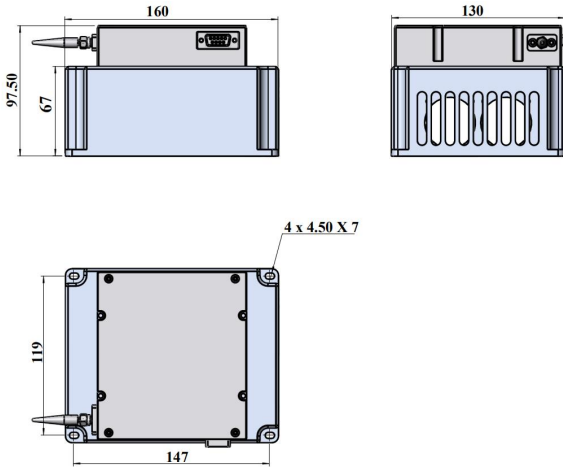
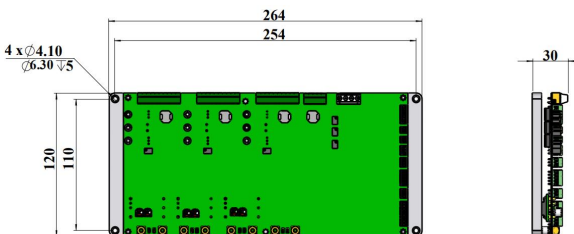
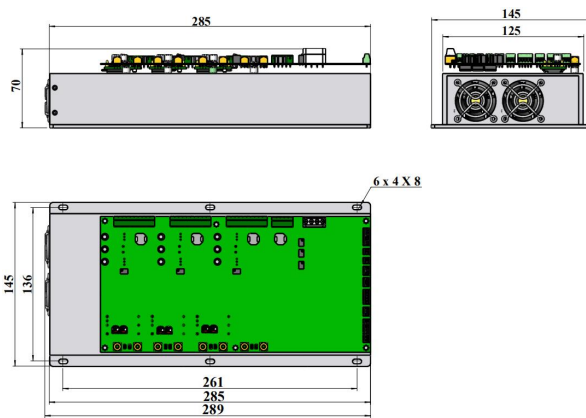


LASER HEAD



167.72 (L)×125 (W)×30.5 (H)mm³, 1kg

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HEATSINK	DRIVER (optional)	
 160 (L)×130 (W)×97.5 (H)mm³, 3kg	 264 (L)×120 (W)×30 (H)mm³, 1kg	 289 (L)×145 (W)×70 (H)mm³, 3.4kg

- 1 Any power level can be selected in this range.
- 2 other lengths are available on request.