

YL-I-638/ 450/ 6W

DIODE LASER AT 638/ 450nm

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

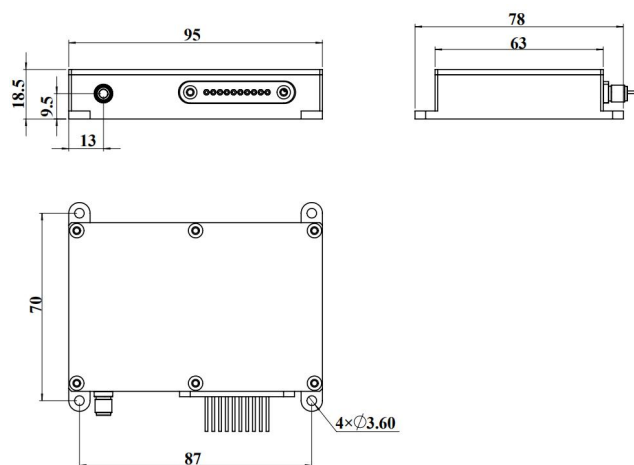


SPECIFICATIONS

Wavelength (nm)	638±10	450±10
Output power (W) @ after 200um fiber ¹	2	4
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)	11.5	4.3
Operation current (A)	1.1	3
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	

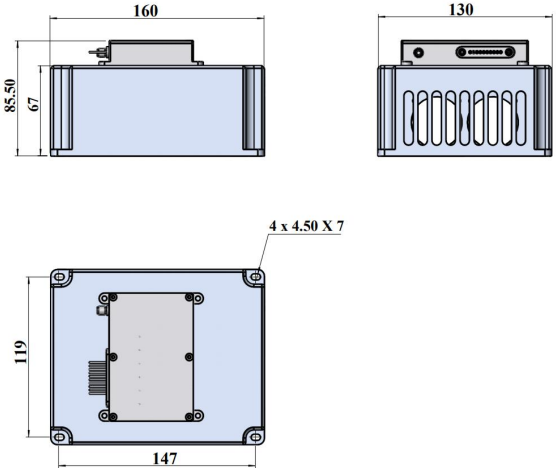
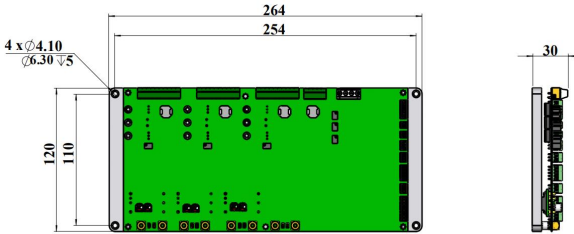
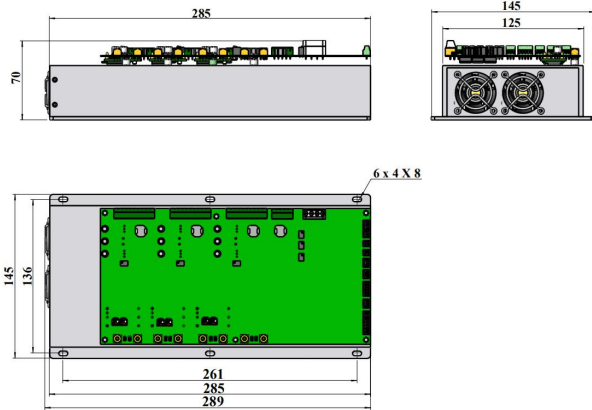


LASER HEAD



95 (L)×78 (W)×18.5 (H)mm³, 0.2kg

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HEATSINK	DRIVER (optional)	
 160 (L)×130 (W)×85.5 (H)mm³, 2.2kg	 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.