

FC-W-638/ 525/ 450/ 980/ 808C/ 71W

HIGH POWER FIBER COUPLING DIODE LASER SYSTEM AT 638/ 525/ 450/ 980/ 808nm

The FC-W-638/ 525/ 450/ 980/ 808 series (Fiber Coupling Laser System) have integrated laser diode, fiber coupling optics, laser power supply, LD current and temperature control in ONE box. Its compact dimension and convenient functions, such as power adjustment, temperature control, LED display etc, make it very suitable for scientific research, industrial and medical applications.

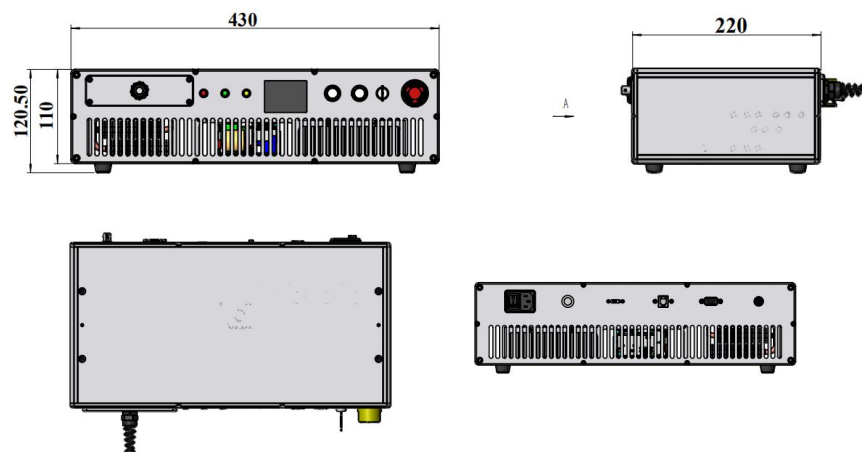


SPECIFICATIONS

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
Operating mode	CW				
Cooled method	Air cooled				
Fiber Core Diameter (um)	200, 400, 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%				
Warm-up time (minutes)	<5				
Operating temperature (°C)	0-30				
Operating voltage (VAC)	100-240				
Modulation option	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz optional; TTL and Analog optional				
Expected lifetime (hours)	>10000				



LASER HEAD



430 (L)×220 (W)×120.5 (H)mm³, 10kg

1 Any power level can be selected in this range.

2 other lengths are available on request.

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