

FC-1140/1-13W



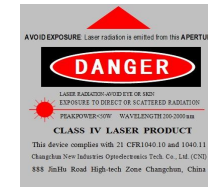
**FIBER COUPLED LASER SYSTEM AT 1140nm**

It integrates laser, fiber coupled optics, laser power supply and temperature control into housing. They are widely used for medical, biomedical and industrial.

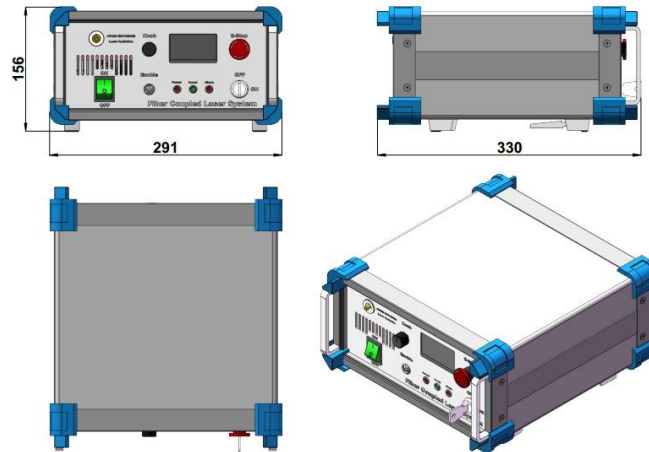


SPECIFICATIONS

Central wavelength (nm)	1140±5
Operating mode	CW
Output power after fiber (W) <sup>1</sup>	1-13
Power stability (rms, 4 hours ± 3°C)	<2%, <1%, <0.5%
Fiber core diameter <sup>2</sup>	400µm, 0.22 NA
Fiber connector	SMA905, FC/PC optional
Fiber length <sup>3</sup>	1m
Fiber jacket	Metal, PVC optional
Warm-up time (minutes)	<5
Cooled method	Air cooled
Operating temperature (°C)	10-35
Operating voltage (VAC)	100-240
Modulation option	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz optional; TTL and Analog optional
Expected lifetime (hours)	>10000



DIMENSION<sup>4</sup>



330 (L) × 291 (W) × 156 (H) mm<sup>3</sup>, 10.0kg

- 1 Any power level can be selected in this range.
- 2 Other fiber core diameter are available on request.
- 3 Other lengths are available on request.
- 4 Output power adjustable 10-100%; RS232 control optional.