



FC-W-444/10W

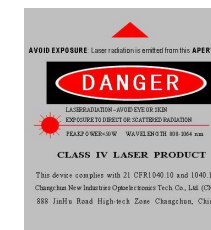
HIGH POWER FIBER COUPLING DIODE LASER SYSTEM AT 444 nm

The FC-W-444 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 pumping, scientific research, industrial and medical applications.

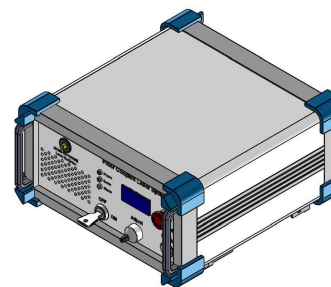
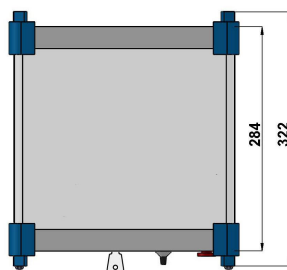
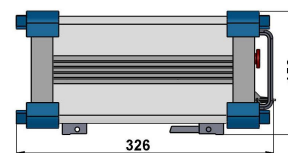
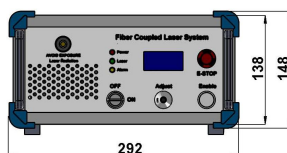


SPECIFICATIONS

Model	FC-W-444
Wavelength (nm)	444±3
Operating mode	CW
After fiber output power (W)	10
Power stability (rms, over 4 hours)	<1%
Red pilot light	Available on request
Fiber core diameter (µm)	100/ 200/ 400
Fiber NA	0.15/0.22
Fiber connector	SMA905
Fiber length (m)	2
LED display	Diode current
LD Temperature control range (°C)	15~30, adjustable by knob
Operating temperature (°C)	10~40
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional
Input power	100-240VAC, 50 to 60 Hz
Cooling Way	Air Cooled
Expected lifetime (hours)	10000
Warranty	1 year



FC-W-444



292 (L) × 326 (W) × 156 (H) mm³, 6.3 kg