



FC-W-878.6/20~200W

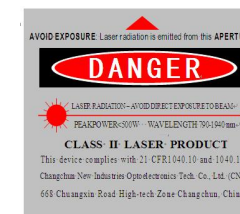
**HIGH POWER FIBER COUPLING  
DIODE LASER SYSTEM AT 878.6 nm**

The FC-W-878.6 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-878.6	FC-W-878.6H	FC-W-878.6H-Water
Wavelength (nm)	878.6		
Operating mode	CW		
After fiber output power (W)	> 20,30, ... , 50	>50, 60, ... , 150	~200
Power stability (rms,over 4 hours)	<2%, <1%, <0.5%		
Red pilot light	Available on request		
Fiber core diameter (μm)	400		
Fiber NA	0.22		
Fiber connector	SMA905		
Fiber length (m)	2		
LED display	Diode current		
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		Water Cooled
Dimensions(mm <sup>3</sup> )	288 (L)×264 (W)×148 (H)	425(L)×373(W)×148 (H)	On request
Expected lifetime (hours)	10000		
Warranty	1 year		



FC-W-878.6	FC-W-878.6H	Water Chiller (WCH-580)-(200W)
<p>288 (L) × 264 (W) × 148 (H) mm<sup>3</sup>, 7.1 kg</p>	<p>425 (L) × 373 (W) × 148 (H) mm<sup>3</sup>, 14.4 kg</p>	<p>369.8 (L) × 258.4 (W) × 240.6 (H) mm<sup>3</sup>, 10.5 kg</p>