FC-W-888H 120/170/250/350/420W

HIGH POWER FIBER COUPLING DIODE LASER SYSTEM AT 888nm

The FC-W-888H 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-888H		FC-W-888H-Water		
Wavelength (nm)	888±1				
Operating mode	CW				
After fiber output power (W)[1]	120	170	250 (On request)	350 (On request)	420 (On request)
Power Stability (rms, 4 hours ± 3°C)	<1%, (<0.5% optional)				
Red pilot light	Available on request				
Fiber core diameter	200um,400um,600um optional, 0.22 NA				
Fiber connector	HP-SMA905				
Fiber length[2]	2m				
Fiber Jacket	PVC				
LED display	Diode current				
Operating temperature(°C)	10-35		20-30		
Modulation option	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz, 30kHz-100kHz optional; TTL and Analog optional				
Operating voltage (VAC)	100-240				
Cooled method	Air cooled		Water cooled		
Expected lifetime (hours)	>10000				





1 Power levels are available in various options.

2 Other lengths are available on request.