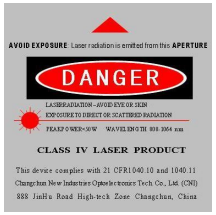
FC-W-915/20-50W

HIGH POWER FIBER COUPLING DIODE LASER SYSTEM AT 915 nm

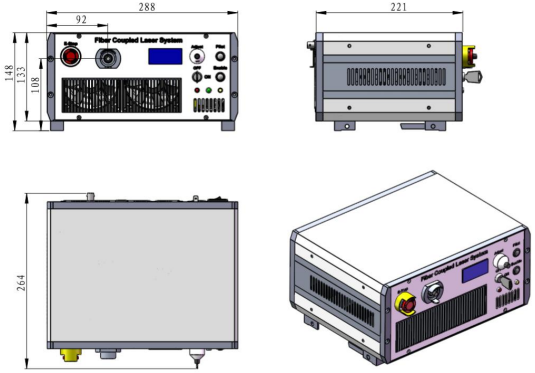
The FC-W-915 series (Fiber Coupling Laser System) have integrated laser diode, fiber coupling optics, laser power supply, LD current and temperature control in ONE box. Its compact dimension and convenient functions, such as power adjustment, temperature control, LED display etc, make it very suitable for pumping, scientific research, industrial and medical applications.

SPECIFICATIONS

Model	FC-W-915
Wavelength (nm)	915±5
Operating mode	CW
After fiber output power (W)[1]	20-50
Power Stability (rms, 4 hours ± 3°C)	<2%, <1%, (<0.5% optional)
Red pilot light	Available on request
Fiber core diameter	400um, 0.22 NA
Fiber connector	SMA905, FC/PC optional
Fiber length[2]	2m
Fiber Jacket	Metal, PVC optional
LED display	Diode current
Operating temperature(°C)	10-40
Modulation option	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz, 30kHz-100kHz optional; TTL and Analog optional
Operating voltage (VAC)	100-240
Cooled method	Air cooled
Expected lifetime (hours)	>10000



DIMENSION



288 (L) ×264 (W) ×148 (H) mm³, 7.1 kg

1 Any power level can be selected in this range.

2 Other lengths are available on request.