

High Power Fiber Coupled Diode Laser System OEFC-W-XXXB

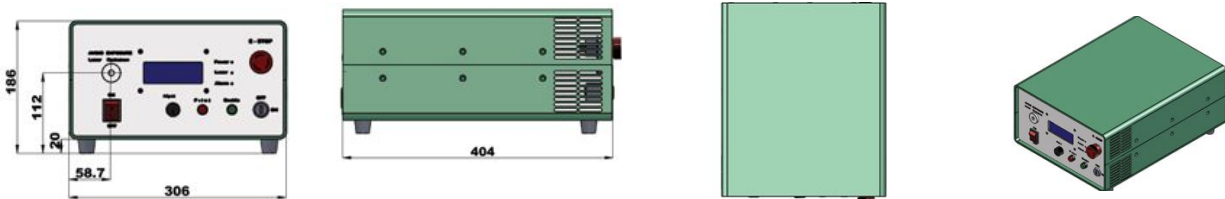
The FC-W-xxxB series (Fiber Coupling Laser System) have integrated laser diode, fiber coupling optics, laser power supply, LD current and temperature control in one box. Its compact dimension and convenient functions, such as power adjustment, temperature control, LED display etc, make it very suitable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



Specifications

Model	OEFC-W-xxxB											
Available Wavelengths (nm)	1064	1208	1275	1320	1380	1470	1532	1550	1600	1710	1870	1908
Central Wavelengths Tolerance (nm)	±20	±20	±20	±20	±20	±20	±3/±20	±20	±20	±20	±20	±3/±10
Available Power (W)	30	12	15	15	15	10, 15	10, 15	10, 15	10, 15	6	6	6
Red Pilot Light (P)	P	P	P	P	P	P	/	P	P	P	P	/
Fiber Core Diameter (µm)	400											
Fiber NA	0.22											
Fiber Connector	SMA905											
Fiber Length (m)	2											
Output Power	0-100%, adjustable by knob											
Operating Mode	CW, TTL or Analog on request											
LED Display	Diode current											
LD Temperature Control Range (°C)	15~30, adjustable by knob											
Expected Lifetime (hours)	10000											
Input Power	90-264VAC, 50 to 60 Hz											
Power Consumption (KVA)	<0.5											
Operating Temperature (°C)	10~40											
Weight (kg)	<15											
Cooling Way	by air											
Warranty time	1 year											

OEFC-W-xxxB Package Dimensions (mm)



Fiber Collimator

These collimators are designed to connect onto the end of an FC/PC or SMA905 connector and contain an AR-coated aspheric lens. The distance between the aspheric lens and the tip of the FC-terminated fiber can be adjusted to compensate for focal length changes or to recollimate the beam at the wavelength and distance of interest.

- ❖ **Fixed FC or SMA Fiber Collimators**
- ❖ **Adjustable Fiber Collimators**



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