

FC-W-808C-NS/ 500W

DIODE LASER AT 808nm

The 808nm diode laser features an ultra-compact design, a long lifetime, and easy operation. It is also easy to install in customers' equipment.

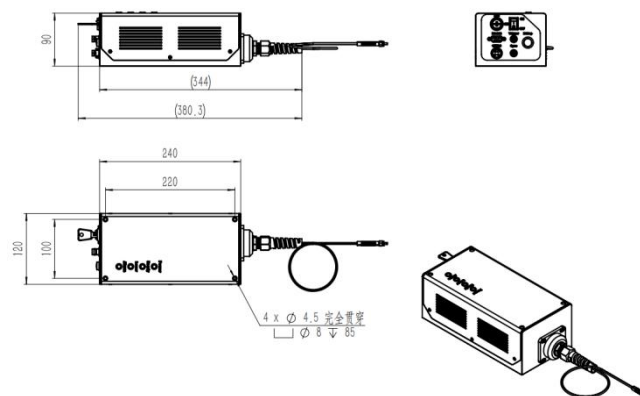


SPECIFICATIONS

Wavelength (nm)	808±5
Operating mode	Pulsed
Peak power (W)	500 (The peak power differs under varying frequencies and pulse widths)
Cooled method	Air cooled
Fiber Core Diameter (um) ¹	400, 600, 0.22NA
Fiber Connector	SMA905
Liquid-core Fiber Core Diameter (mm)	Φ 5
Fiber lengths ²	1m
Fiber Jacket	PVC, Metal optional
Power stability (rms, 4 hours±3℃)	<2%
Warm-up time (minutes)	<5
Operating temperature (℃)	0-30
Operating voltage (VAC)	100-240
Frequency range	100Hz-1MHz (Peak power is reduced at some frequencies)
Pulse width range	50ns-1us
Trigger Delay	70ns±10ns
Expected lifetime (hours)	>10000



DIMENSION



380.3 (L)×120 (W)×90 (H)mm3, 2.6kg

- 1 Multimode fiber to liquid-core fiber
2 Other lengths are available on request.