

FC-W-450H-II/ 50W

BLUE DIODE LASER AT 450nm

The 450nm diode laser features an ultra-compact design, a long lifetime, and easy operation. It is also easy to install in customers' equipment.

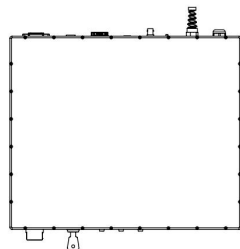
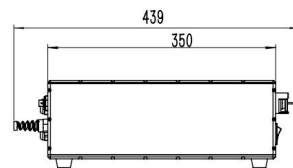
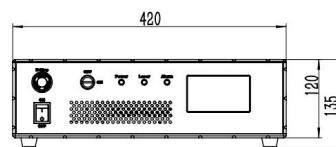


SPECIFICATIONS

Wavelength (nm)	450±5
Operating mode	CW
Output power (W) @ after 105um fiber	50
Cooled method	Water cooled
Fiber Core Diameter (um)	105, 0.22NA
Fiber Connector	SMA905
Fiber lengths ¹	2.5m
Fiber Jacket	PVC, Metal optional
Power stability (rms, 4 hours±3°C)	<2%, <1%, <0.5%
Warm-up time (minutes)	<5
Operating temperature (°C)	0-30
Operating voltage (VAC)	100-240
Modulation option	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz optional; TTL and Analog optional
Expected lifetime (hours)	>10000

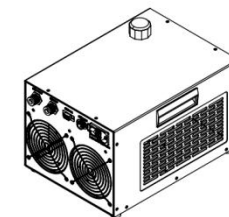
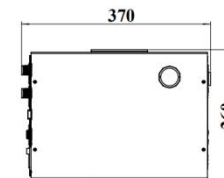
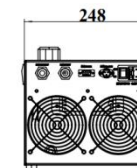
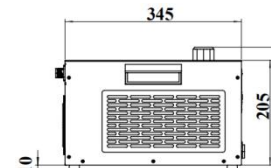


DIMENSION



439 (L)×420 (W)×135 (H)mm³, 20kg

WATER CHILLER (optional)



370 (L)×260 (W)×241 (H)mm³, 10.2kg

¹ other lengths are available on request.