

FC-W-455H-II/ 50~200W

**BLUE DIODE LASER AT 455nm**

Blue diode laser 455 nm is made features of ultra compact, long lifetime, low cost and easy operating. It's easy to be installed in customer's equipment.



**SPECIFICATIONS**

Wavelength (nm)	455±5
Operating mode	CW
Output power (W) @ after 400um fiber	50~200 (Higher power can be customized.)
Cooled method	Water cooled
Fiber Core Diameter (um)	200, 400, 600...
Fiber Connector	SMA905/ FC/ QBH
Numerical Aperture (NA)	0.22
Power stability (rms, over 4 hours)	<1%, <3%...
Warm-up time (minutes)	<5
Operating temperature (°C)	25+/- -3
Power supply	90-264VAC
Modulation option	TTL/ Analog 1Hz-30KHz, TTL on/ off
Expected lifetime (hours)	10000



FC-W-455H-II (Water cooled)		Water Chiller (WCH-370) (Optional)
<p>100W 439 (L)×420 (W)×135 (H)mm<sup>3</sup></p>	<p>200W 452 (L)×420 (W)×135 (H)mm<sup>3</sup></p>	<p>581 (L)×293 (W)×465 (H)mm<sup>3</sup></p>