



**FL-589-CW/1~500mW**

### HIGH POWER ALL FIBER CW LASER

High Power all fiber CW laser at 589nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in fluorescence excitation, spectral analysis, materials irradiation, scientific research, etc.



#### SPECIFICATIONS

Wavelength (nm)	589±1	
Operating mode	CW	
Output power (mW)	100	500
Power stability (rms, over 4 hours)	<0.5%, <1%, <2%	
Line width(nm)	<0.5	
M <sup>2</sup> factor	<1.2	
Beam diameter (mm)	~1.5	
Polarization ratio	>15dB	
Cooled method	Air cooled	
Warm-up time (minutes)	<15	
Delivery cable length (m)	variable	
Operating temperature (°C)	15~35	
Power supply	AC 220V	
Expected lifetime (hours)	10000	
Warranty	1 year	
Options	M <sup>2</sup> <1.1	



<p><b>FL-1178-CW</b></p> <p>411(L)×483(W)×101(H) mm<sup>3</sup> 9kg</p>	<p><b>Second harmonic</b></p> <p>252(L)×114(W)×38(H) mm<sup>3</sup> 1kg</p>	<p><b>FL-589-CW</b></p>
---	---	-------------------------