



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)	1-500
Power stability (rms, 4 hours ±3°C)	<2%, <1%
Spectral linewidth (nm)	<0.5
M ²	<1.2
Beam diameter (mm)	~1.5
Polarization ratio (dB)	>15 Horizontal (Vertical optional)
Cooled method	Air cooled
Warm-up time (minutes)	<15
Delivery cable length (m) ¹	1
Cooled method	Air cooled
Operating temperature (°C)	15-35
Operating voltage (VAC)	110/220V
Expected lifetime (hours)	>10000



DIMENSION

Fundamental Frequency	Second harmonic	
 483(L)×411(W) ×89(H) mm ³ , 8kg	 252(L)×114(W) ×38(H) mm ³ , 1kg	

¹ Other lengths are available on request.