



FL-1064-SF/1~10W

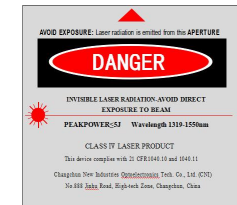
**SINGLE FREQUENCY MODE  
FIBER LASER AT 1064 nm**

All polarization fiber single frequency mode high power laser at 1064nm is consisting of the seed laser and an amplifier optimized for low noise operation and application demanding more optical power, which has been designed for operation in optical traps, holography& interferometry, scientific research, high resolution spectroscopy, etc.



SPECIFICATIONS

Wavelength (nm)	1064±1			
Operating mode	CW			
Output power (mW)	200	1000	5000	10000
Power stability (rms, over 4 hours)	<0.5%, <1%, <2%			
Transverse mode	TEM <sub>00</sub>			
Longitudinal mode	Single			
Spectral linewidth (KHz)	<10		<20	
Frequency shift (MHz)	<10@1hour		<500@4hour	
M <sup>2</sup> factor	<1.2			
Beam Delivery Optics	FC/APC			
Polarization ratio(dB)	>15		Random / >15dB	
Warm-up time (minutes)	<30			
Operating temperature (°C)	15~30			
Power supply	DC 12V		AC 220V	
Expected lifetime (hours)	10000			
Warranty	1 year			
Options	RS 232/485 interface			



FL-1064-SF

FL-1064-SF-I(<10mW)	FL-1064-SF-I(<1W)	FL-1064-SF-II(>1W)
<p>128(L)×69(W) ×24.2(H) mm<sup>3</sup>, 0.95kg</p>	<p>280(L)×224(W) ×95(H) mm<sup>3</sup>, 2.5kg</p>	<p>483(L)×452(W) ×133(H) mm<sup>3</sup> 10kg</p>