



FL-1064-SF/1~500mW

**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 ranging, gravitational wave, scientific research, etc.



SPECIFICATIONS

Wavelength (nm)	1064±1		
Operating mode	CW		
Output power (mW)	10	100	500
Power stability (rms, over 4 hours)	<1%, <2%		
Transverse mode	TEM ₀₀		
Longitudinal mode	Single		
Spectral linewidth (KHz)	<100		
Frequency shift (MHz)	<10@1hour		
M ² factor	<1.2		
Beam Delivery Optics	FC/APC		
Polarization ratio(dB)	>15		
Warm-up time (minutes)	<30		
Operating temperature (°C)	15~30		
Power supply (V DC)	12		
Expected lifetime (hours)	10000		
Warranty	1 year		
Options	RS 232 interface PZT tuning		

