



FL-1550-SF/1~1000mW

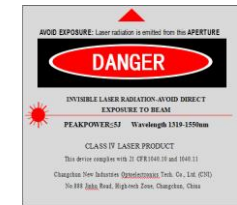
**SINGLE FREQUENCY MODE
FIBER LASER AT 1550 nm**

All polarization fiber single frequency mode high power laser at 1550nm 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 acoustic and seismic sensing, medical cosmetology, LIDAR, metrology, wind sensing, security, experimental research, etc.



SPECIFICATIONS

Model	FL-1550-SF- II	FL-1550-SF- I
Wavelength (nm)	1550±1	
Operating mode	CW	
Output power (mW)	1~500	1~1000
Power stability (rms, over 4 hours)	<1%, <2%	
Transverse mode	TEM ₀₀	
Longitudinal mode	Single	
Spectral linewidth (KHz)	<100	<2000
M ² factor	<1.2	
Beam Delivery Optics	FC/APC	
Polarization ratio(dB)	>15	
Warm-up time (minutes)	<15	
Beam height from base plate (mm)	58	
Operating temperature (°C)	15~35	
Power supply (V DC)	12	
Expected lifetime (hours)	10000	
Warranty	1 year	
Options	RS 232 interface	



FL-1550-SF- I	FL-1550-SF- II
<p style="text-align: center;">264(L)×214(W) ×75(H), 3 kg Spectral linewidth<2000KHz</p>	<p style="text-align: center;">420(L)×380(W) ×49(H)mm³, 7 kg Spectral linewidth<100KHz</p>