

**FL-1550-SF/50~1000mW**

**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 medical cosmetology, LIDAR, wind sensing, security, experimental research, etc.



**SPECIFICATIONS**

Wavelength (nm)	1550±1
Operating mode	CW
Output power (mW)	50~1000
Power stability (rms, over 4 hours)	<1%
Transverse mode	TEM <sub>00</sub>
Longitudinal mode	Single
Spectral linewidth (MHz)	<2
M <sup>2</sup> 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

