

FL-775-SF/1~500mW

SINGLE FREQUENCY MODE FIBER LASER AT 775 nm

All polarization fiber single frequency mode high power laser at 775nm 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 lattice, optical tweezer, scientific research, etc.



SPECIFICATIONS

Wavelength (nm)	775±1
Operating mode	CW
Output power (mW)	500
Power stability (rms, over 4 hours)	<1%, <2%
Transverse mode	TEM ₀₀
Longitudinal mode	Single
Spectral linewidth (KHz)	<20
Frequency shift (MHz)	<500@4hour
M ² factor	<1.2
Polarization ratio(dB)	>15
Warm-up time (minutes)	<30
Operating temperature (°C)	15~30
Power supply (V AC)	220
Expected lifetime (hours)	10000
Warranty	1 year
Options	RS 232/485 interface



<p>FL-775-SF</p> <p>411(L)×483(W)×101(H) mm³ 9kg</p>	<p>Second harmonic</p> <p>252(L)×114(W)×38(H) mm³ 1kg</p>	<p>FL-775-SF</p>
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