



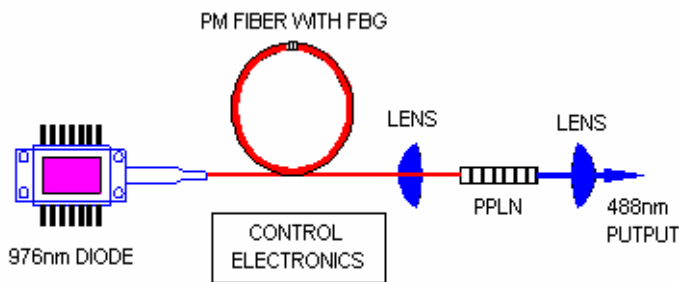
488nm Solid-state Blue Laser (SSL Serious)

This new type solid-state blue laser is based on the semiconductor laser extracavity frequency-doubling technology. It features a most compact, stable and reliable semiconductor Second Harmonic Generation (SHG) blue laser.

Specifications

Parameter	Unit	Value
Wavelength	nm	488 ± 0.5
Output Power	Free Space Output	mW
	Fiber Coupled	mW
Output Power Stability (peak to peak, 2 hours, ±3°C)		<2%
Noise(RMS, 20Hz-2MHz)		<0.2%
Noise(peak to peak, 20Hz-20kHz)		<1%
Polarization Extinction Ratio		100:1, Horizontal
Beam Diameter@1/e2 (at beam waist)	mm	<0.7
Beam Divergence(far field)	mrad	<1.2
488nm Laser Line Width	nm	<0.1
Beam Pointing Stability(2 hours, 20°-40°C)	urad	<20
Beam Elliptical Ratio (at waist)		1:1.5
Mode		TEM ₀₀
Warm-up Time	min.	5
Operating Temperature	°C	10 - 40
Power consumption	W	10
Dimension	mm	145(L) x 70(W) x 33(H)

Structure:



Order information:

SSL-488-①

①: Output

F - Fiber Coupled

S - Free Space

