



MSL-III-671/1~100mW

**SINGLE LONGITUDINAL MODE
RED LASER AT 671 nm**

All solid state single longitudinal mode green laser at 671 nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in DNA sequencing, flow cytometry, cell sorting, optical instrument, spectrum analysis, interference, measurement, holography, laser printing, chip inspection, physics experiment, etc.



SPECIFICATIONS

Wavelength (nm)	671	
Output power (mW)	>10, 20, 40, 60, ... ,100	
Transverse mode	TEM ₀₀	
Longitudinal mode	Single	
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Warm-up time (minutes)	<10	
M ² factor	<1.2	
Beam divergence, full angle (mrad)	<1.5	
Beam diameter at 1/e ² (mm)	~1.2	
Beam height from base plate (mm)	24.8	
Spectral linewidth (nm)	<0.00001	
Polarization ratio	>100:1 (0 or 90 degree)	
Pointing stability after warm-up (mrad)	<0.05	
Noise of amplitude (rms, 20Hz~20MHz)	<0.5%	
Coherent length (m)	>50	
Operating temperature (°C)	15~35	
Power supply (90-264VAC)	PSU-III-FDA	PSU-III-OEM
Modulation	Modulation isn't available.	
Expected lifetime (hours)	10000	
Warranty	1 year	



MxL-III-671	Dimension	PSU-III-FDA	Dimension
<p>140.8(L)×73(W)×46.2(H) mm³, 0.6kg</p>		<p>133 (L) ×130(W) ×65 (H) mm³, 1.2kg</p>	