

### MSL-FN-660/1~20mW

### SINGLE LONGITUDINAL MODE RED LASER AT 660 nm

All solid state single longitudinal mode red laser at 660 nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in scientific experiment, measurement, spectrum analysis, and laser lighting show, etc.

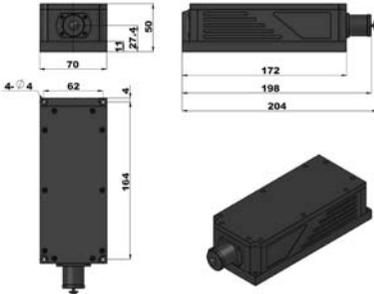


### SPECIFICATIONS

Wavelength (nm)	660±1
Output power (mW)	>1, 5, ... , 20
Transverse mode	TEM <sub>00</sub>
Longitudinal mode	Single
Operating mode	CW
Power stability (rms, over 4 hours)	<3%, <5%
Warm-up time (minutes)	<10
M <sup>2</sup> factor	<1.2
Beam divergence, full angle (mrad)	<1.5
Beam diameter at the aperture (mm)	~1.5
Beam height from base plate (mm)	27.4
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 or 5V DC)	PSU-H-FDA
Modulation	Modulation isn't available.
Expected lifetime (hours)	10000
Warranty period	1 year



Note: The laser head needs to be used on a heat sink with good heat dissipation.

MxL-FN-660	Dimension	PSU-H-FDA	Dimension
 <p>204(L)×70(W) ×50(H), 2.0 kg</p>		 <p>238 (L) ×146(W) ×102 (H) mm<sup>3</sup>, 2.3 kg</p>	