

## 660nm Red Light A Single-longitudinal-mode Laser

**SL-660/20mW**



Product features:

- 1.The power is stable, the operation is simple, the power supply is overheated, and the current limiting protection circuit.
- 2.High beam quality, narrow linewidth, stable wavelength, low noise, and coherent length of 50 meters.
- 3.The original imported pump source has reliable performance and long service life.
- 4.It is suitable for holography, Raman spectroscopy, fluorescence excitation, bioengineering, etc.

Wavelength (nm)		660±1
Spectral Linewidth (nm)		<10 <sup>-5</sup>
Coherent length(m)		>50
Output Power (mW)		>50
Operating Mode		CW
Beam Mode	Transverse	TEM <sub>00</sub>
	Longitude	Single
Beam Quality (M <sup>2</sup> factor)		<1.2
Polarization Ratio		>100:1
Beam Diameter (1/e <sup>2</sup> ,mm)		~1.5
Beam Divergence (full angle, mrad)		<1.2
Beam pointing stability ( mrad )		<0.05
Power Stability (RMS, over 4 hours)		<1%
Noise of amplitude (RMS, 20Hz~20MHz)		<0.5%
Aperture Position (mm)		27.4
Laser Head	Dimensions (L×W×H, mm)	197 x 70 x 50
	Net Weight (kg)	2.0
Power Driver	Dimensions (L×W×H, mm)	236 x 145 x 104
	Net Weight (kg)	2.3
Cooling System		TEC
Power Supply		90~240VAC@50Hz
Warm-up Time (minutes)		<10
Operation Temperature (°C)		10~35
Expected Lifetime (hours)		>10000
Warranty Time		1 year