

MSL-W-671/ 800~2500mW

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

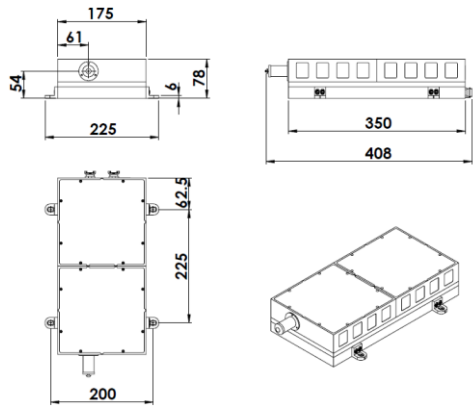
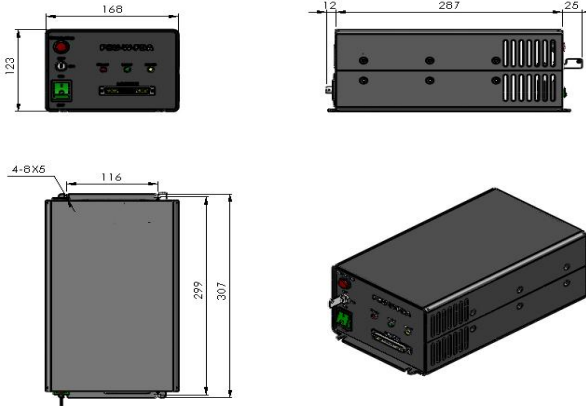
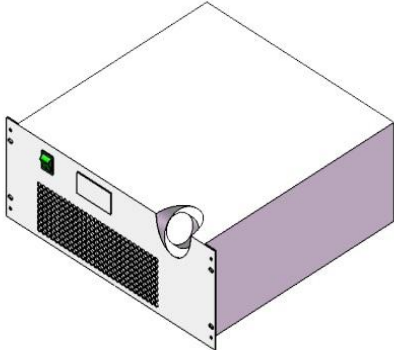
CNI's All solid state single longitudinal laser at 671nm features ultra compact, long lifetime and easy operating, they are used in DNA sequencing, flow cytometry, cell sorting, optical instrument, spectrum analysis, interference, measurement, holography, physics experiment, etc.



**SPECIFICATIONS**

Wavelength (nm)	671 ± 1
Output power (mW)	>800, 1000, ..., 2500
Transverse mode	TEM <sub>00</sub>
Operating mode	CW
Longitudinal mode Single	Single
Spectral linewidth (nm)	<0.00001
Power stability (rms, over 4 hours)	<3%, <5%
Noise of amplitude (rms, 20Hz~20MHz)	<1%
M <sup>2</sup> factor	<1.5
Beam divergence, full angle (mrad)	<1.5
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	<3.0
Pointing stability after warm-up (mrad)	<0.05
Polarization ratio	>100:1
Warm-up time (minutes)	<20
Beam height from base plate (mm)	58
Cooled method	Water cooled
Operating temperature (°C)	20~30
Power supply (90-264VAC)	PSU-W-FDA
Expected lifetime (hours)	10000
Warranty period	1 year



MSL-W-671	PSU-W-FDA	Water Chiller
 <p>408(L) × 225(W) × 78(H) mm<sup>3</sup>, 5.7kg</p>	 <p>307(L) × 168(W) × 123(H) mm<sup>3</sup>, 4.5 kg</p>	 <p>482(L) × 432(W) × 178(H) mm<sup>3</sup>, 18 kg</p>