

MSL-W-671/ 800~2500mW

SINGLE LONGITUDINAL MODE RED LASER AT 671 nm

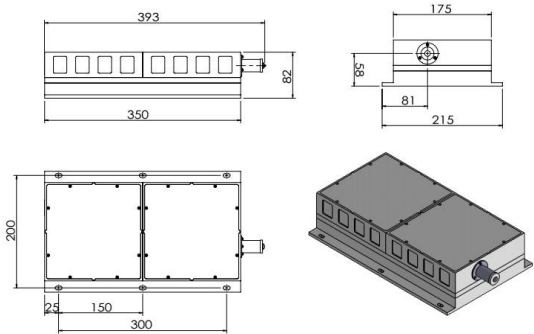
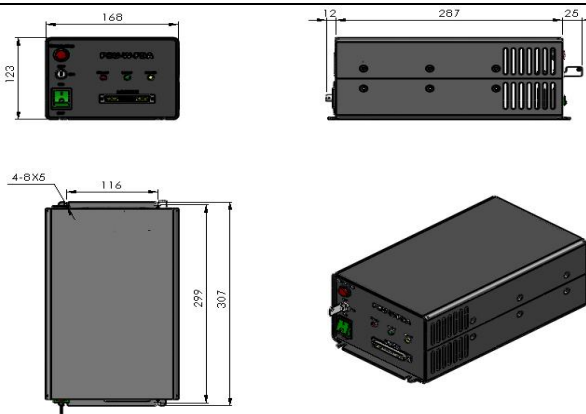
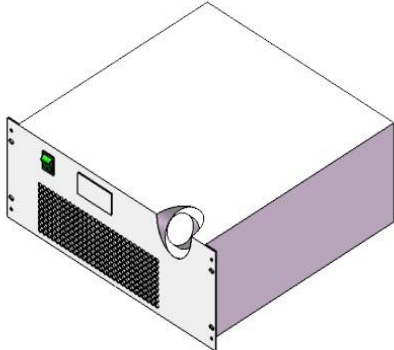
CNI's All solid state single longitudinal laser at 671nm features ultra compact, long lifetime and easy operating, they are used in DNA sequencing, flow cytometry, cell sorting, optical instrument, spectrum analysis, interference, measurement, holography, physics experiment, etc.



SPECIFICATIONS

| | |
|--|-----------------------|
| Wavelength (nm) | 671 ± 1 |
| Output power (mW) | >800, 1000, ..., 2500 |
| Transverse mode | TEM ₀₀ |
| 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 ² factor | <1.2 |
| Beam divergence, full angle (mrad) | <1.5 |
| Beam diameter at the aperture (1/e ² ,mm) | <2.0 |
| Pointing stability after warm-up (mrad) | <0.05 |
| Polarization ratio | >100:1 |
| Warm-up time (minutes) | <10 |
| Beam height from base plate (mm) | 58 |
| Operating temperature (°C) | 20~30 |
| Cooled method | Water cooled |
| Power supply (90-264VAC) | PSU-W-FDA |
| Expected lifetime (hours) | 10000 |
| Warranty period | 1 year |



| MSL-W-671 | PSU-W-FDA | Water Chiller |
|---|--|---|
|  <p>393(L) × 215(W) × 82(H) mm³, 5.7kg</p> |  <p>307(L) × 168(W) × 123(H) mm³, 4.5 kg</p> |  <p>482(L) × 432(W) × 178(H) mm³, 18 kg</p> |