

MLL-F-671/1000~1500mW

LD PUMPED ALL-SOLID-STATE LOW NOISE RED LASER

All solid state 671nm low noise laser is made features of ultra compact, long lifetime, low cost and easy to operate, which is used in DNA sequencing, flow cytometry, cell sorting, instrument, spectrum analysis, interference, measurement, holography, laser printing, chip inspection, physics experiments etc.



SPECIFICATIONS

| | | |
|---|------------------------------|-----------|
| Wavelength (nm) | 671±1 | |
| Output power (mW) | >1000, 1100, 1200, ..., 1500 | |
| Transverse mode | TEM ₀₀ | |
| 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) | <2. 0 | |
| Beam diameter at the aperture (mm) | ~3. 0 | |
| Beam height from base plate (mm) | 45 | |
| Polarization ratio | >100:1 | |
| Noise of amplitude (rms, 20Hz~20MHz) | <1% | |
| Pointing stability after warm-up (mrad) | <0.05 | |
| Operating temperature (°C) | 10~35 | |
| Power supply (90-264VAC) | PSU-H-FDA | PSU-H-OEM |
| Expected lifetime (hours) | 10000 | |
| Warranty period | 1 year | |



| MxL-F-671 | PSU-H-FDA | PSU-H-OEM |
|--|--|---|
| <p>209(L)×88(W)×74(H) mm³, 1.6 kg</p> | <p>238 (L) ×146(W) ×102 (H) mm³, 2.3 kg</p> | <p>238 (L) ×146(W) ×94 (H) mm³, 2.2 kg</p> |
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