

Model: MGL-N-515/100~150mW



Your source for high quality, affordable lasers

DATA SHEET

LD PUMPED ALL-SOLID-STATE GREEN LASER AT 515nm

All solid state 515nm green lasers is made features of ultra-compact, long lifetime, low cost and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, etc.



| | | | |
|---|---|-----------|-----------|
| Wavelength (nm) | 515 ± 1nm | | |
| Output power (mW) | >100, 150 | | |
| Transverse mode | TEM ₀₀ | | |
| Operating mode | CW | | |
| Power stability (rms, over 4 hours) | <3%, <5%, <10% | | |
| Warm-up time (minutes) | <10 | | |
| M ² factor | <1.2 | | |
| Beam divergence, full angle (mrad) | <1.2 | | |
| Beam diameter at the aperture (mm) | ~2.0 | | |
| Beam height from base plate (mm) | 68.2 | | |
| Polarization ratio | >100:1 | | |
| Pointing stability after warm-up (mrad) | <0.05 | | |
| Operating temperature (°C) | 10~35 | | |
| Power supply (90-264VAC) | PSU-H-LED | PSU-H-FDA | PSU-H-OEM |
| Modulation option | TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option | | |
| Expected lifetime (hours) | 10,000 | | |
| Warranty period | 1 year | | |

| MGL-N-515 | Laser Head Dimensions | PSU-H-LED | PSU-H-FDA |
|-----------|---|--|--|
| | <p>245(L)×99(W)×94(H) mm³, 2.6kg</p> | <p>307(L)×150(W) ×106(H) mm³, 2.9kg</p> | <p>307(L)×150(W) ×106(H) mm³, 2.9kg</p> |