

MPL-N-2600~4400/1~300mW

LD PUMPED ALL-SOLID-STATE Q-SWITCHED LASER

All CNI's Q-switched DPSS laser at 2600nm~4400nm features high peak power, high repetition rate, and short pulse duration, it is widely used in inspection, scientific research and so on.

SPECIFICATIONS

| | | | | | | | | | |
|--|----------------------|------|------|------|------|------|---------------------|------|------|
| Wavelength (nm) | 2600 | 2800 | 3000 | 3200 | 3400 | 3600 | 4000 | 4200 | 4400 |
| Operating mode | Passively Q-switched | | | | | | | | |
| Max average power (mW) | >1, 10, 30, ...,300 | | | | | | >1, 10, 30, ...,200 | | |
| Power stability (over 4 hours) | <5% | | | | | | | | |
| Pulse duration (ns) | 5~10 | | | | | | | | |
| Rep. rate (kHz) | 5~15 | | | | | | | | |
| Beam divergence, full angle (mrad) | <4 | | | | | | | | |
| Beam diameter at the aperture (1/e ² ,mm) | ~6 | | | | | | | | |
| Beam height from base plate (mm) | 111.5 | | | | | | | | |
| Warm-up time (minutes) | <10 | | | | | | | | |
| Operating temperature (°C) | 15~30 | | | | | | | | |
| Power supply (90-264VAC) | PSU-AOM(3U) | | | | | | | | |
| Expected lifetime (hours) | 10000 | | | | | | | | |
| Warranty period | 1 year | | | | | | | | |

