



MLL-K-532-SM

SM FIBER OUTPUT LASER

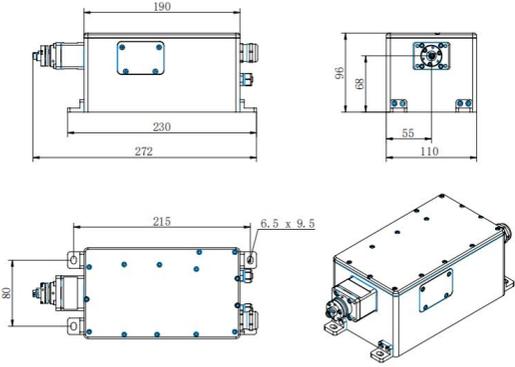
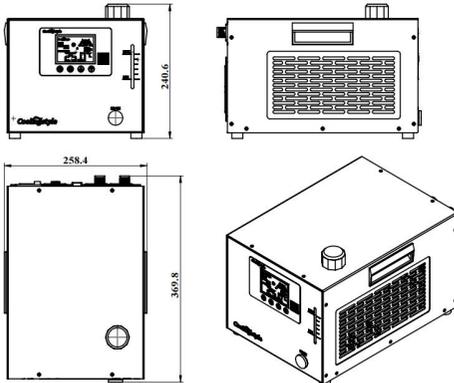
CNI has a long experience in the delivery of fiber coupled laser light sources providing high efficiency and long term stability. All laser types can be offered with appropriate fiber coupling systems. This type is specifically designed for single-mode fiber(include PM) coupling with high power stability and long term stability.



SPECIFICATIONS

| | |
|--------------------------------------|--|
| Wavelength (nm) | 532±1 |
| Operating mode | CW |
| Output power (W) ¹ | 1-8 |
| Power Stability (rms, 4 hours ± 3°C) | <2%<1%, (<0.5%optional) |
| Transverse mode | TEM ₀₀ (single mode fiber output) |
| M ² | <1.1 |
| Polarization ratio (optional) | >50:1 after PM fiber |
| Noise of amplitude (rms, 20Hz-20MHz) | <0.2% |
| Fiber type | SM fiber (PM fiber optional) |
| Fiber core diameter | 10um,0.10NA |
| Fiber connector | FC/APC |
| Fiber length ² | 1m |
| Fiber Jacket | Metal |
| Warm-up time (minutes) | <10 |
| Cooled method | Water Cooled |
| Operating temperature (°C) | 10-30 |
| Power supply (100-240VAC) | PSU-W-LED |
| Modulation option | DC-1kHz, 1kHz-10kHz, 10kHz-30kHz optional; TTL and Analog optional |
| Expected lifetime (hours) | >10000 |



| LASER HEAD | POWER SUPPLY | WATER CHILLER (WCH-580) |
|---|---|--|
|  <p data-bbox="309 750 609 774">272 (L) × 110 (W) × 96 (H) mm³, 3.56 kg</p> |  <p data-bbox="967 750 1272 774">301.5 (L) × 185 (W) × 114 (H) mm³, 3.0 kg</p> |  <p data-bbox="1608 750 1953 774">369.8 (L) × 258.4 (W) × 240.6 (H) mm³, 10.5 kg</p> |

- 1 Any power level can be selected in this range.
- 2 Other lengths are available on request.