

MDL-SN-808/1~12W



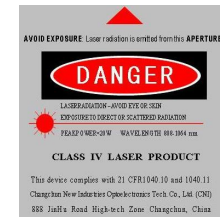
**INFRARED DIODE LASER
AT 808nm**

Diode infrared laser module at 808nm is made features of ultra compact, long lifetime and easy operating, which is used in measurement, communication, spectrum analysis, etc.



SPECIFICATIONS

| | | |
|---|--|-----------|
| Wavelength (nm) | 808±3 | |
| Operating mode | CW | |
| Output power (W) | >1, 2, 3 ... , 12 | |
| Power stability (rms, over 4 hours) | <0.5%, <1%, <2% | |
| Transverse mode | Multimode | |
| M ² factor | <20 | |
| Beam divergence, full angle (mrad) | <3.0 | |
| Beam diameter at the aperture (1/e ² , mm) | 5~8 | |
| Warm-up time (minutes) | <5 | |
| Beam height from base plate (mm) | 11 | |
| Operating temperature (°C) | 10~35 | |
| Power supply (90-264VAC) | PSU-H-LED | PSU-H-FDA |
| TTL / Analog modulation | TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional | |
| Expected lifetime (hours) | 10000 | |
| Warranty period | 1 year | |



MDL-SN-808

129 (L) × 63 (W) × 51 (H) mm³

PSU-H-LED

277 (L) × 145 (W) × 106 (H) mm³, 2.6 kg

PSU-H-FDA

275 (L) × 145 (W) × 104 (H) mm³, 2.4 kg