



MDL-H-1470/500~1500mW



INFRARED DIODE LASER
AT 1470nm

It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are used in measurement, communication, spectrum analysis, etc.



SPECIFICATIONS

| | | |
|---|--|-----------|
| Central wavelength (nm) | 1470±10 | |
| Operating mode | CW | |
| Output power (mW) | >500, 600, 700, ..., 1500 | |
| Power stability (rms, over 4 hours) | <1%, <2%, <3% | |
| Transverse mode | Multimode | |
| Dimensions of beam at the aperture (mm) | ~5×8 | |
| Beam divergence, full angle (mrad) | <3.0 | |
| Warm-up time (minutes) | <5 | |
| Beam height from base plate (mm) | 29 | |
| Operating temperature (°C) | 10~35 | |
| Power supply (100-240VAC) | 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 | 1 year | |



| MDL-H-1470 | PSU-H-LED | PSU-H-FDA |
|---|--|--|
| <p>160 (L) ×77(W) ×60 (H) mm³, 0.9kg</p> | <p>277 (L) ×145(W) ×106(H) mm³, 2.3kg</p> | <p>275 (L) ×145(W) ×104(H) mm³, 2.1kg</p> |