

MDL-III-1550R/1~200mW

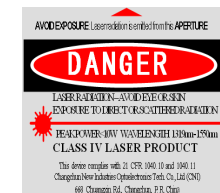
SPECIFICATIONS

INFRARED DIODE LASER At 1550nm

Diode infrared laser module at 1550 nm, is made features of ultra compact, long lifetime, low cost and easy operating, which is used in measurement, communication, spectrum analysis, etc.



| | | | |
|---|----------------------------|-------------|-------------|
| Wavelength (nm) | 1550±10 | | |
| Output power (mW) | >1, 10, 50, 100, ... , 200 | | |
| Energy distribution | Even | | |
| Beam Spot | Round | | |
| Power stability (rms, over 4 hours) | <1%, <3%, <5% | | |
| Warm-up time (minutes) | <5 | | |
| Beam divergence, full angle (mrad) | <8.0 | | |
| Dimensions of beam at the aperture (mm) | ~2.0 | | |
| Beam height from base plate (mm) | 24.8 | | |
| Pointing stability after warm-up (mrad) | <0.05 | | |
| Operating temperature (°C) | 10~35 | | |
| Power supply (90-264VAC or 5VDC) | PSU-III-LED | PSU-III-FDA | PSU-III-OEM |
| Expected lifetime (hours) | 10000 | | |
| Warranty | 1 year | | |



| MxL-III-1550R | PSU-III-LED | PSU-III-FDA | PSU-III-OEM |
|---|--|--|---|
| <p>140. 8(L)×73(W)×46. 2(H) mm³, 0.6kg</p> | <p>154 (L) ×155(W) ×95 (H) mm³, 1.5kg</p> | <p>133 (L) ×130(W) ×65 (H) mm³, 1.2kg</p> | <p>100 (L) ×60(W) ×56 (H) mm³, 0.2kg</p> |
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