

MDL-III-1550R/1~200mW

### INFRARED DIODE LASER At 1550nm

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



### SPECIFICATIONS

Wavelength (nm)	1550±20	
Operating mode	CW	
Output power (mW)	>1, 10, 20, ..., 150	>150, 140, ..., 200
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Transverse mode	Round	
Energy distribution	Even	
Dimensions of beam at the aperture (mm)	~2	~2
Beam divergence, full angle (mrad)	<8	<18
Warm-up time (minutes)	<5	
Beam height from base plate (mm)	24.8	
Operating temperature (°C)	10~35	
Power supply (85-264VAC)	PSU-III-LED/ PSU-III-FDA	
TTL / Analog modulation	TTL or Analog with 1Hz-1KHz 1KHz-10KHz, 10KHz-30KHz optional	
Expected lifetime (hours)	10000	
Warranty	1 year	



MxL-III-1550R	PSU-III-LED	PSU-III-FDA
<p>143.5(L)×73(W)×46.2(H) mm<sup>3</sup>, 0.7kg</p>	<p>188.6 (L) ×155(W) ×92 (H) mm<sup>3</sup>, 1.5kg</p>	<p>171 (L) ×130(W) ×62.2 (H) mm<sup>3</sup>, 1.2kg</p>