



**MDL-III-1550/1~600mW**



**INFRARED DIODE LASER  
AT 1550nm**

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)	1550±20
Operating mode	CW
Output power (mW)	>1, 100, 200, ..., 600
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)	24. 8
Operating temperature (°C)	10~35
Power supply	85-264VAC
	100-240VAC
TTL / Analog modulation	PSU-III-LED/ PSU-III-FDA (Frequency for 1Hz-30kHz) PSU-A-D (Frequency for 30kHz -100kHz)
Expected lifetime (hours)	10000
Warranty	1 year



MDL-III-1550	PSU-III-LED	PSU-III-FDA	PSU-A-D
<p style="text-align: center;"><b>146 (L) × 73 (W) × 46.2 (H) mm<sup>3</sup>, 0.7kg</b></p>	<p style="text-align: center;"><b>188.6 (L) × 155 (W) × 92 (H) mm<sup>3</sup>, 1.5kg</b></p>	<p style="text-align: center;"><b>171 (L) × 130 (W) × 62.2 (H) mm<sup>3</sup>, 1.2kg</b></p>	<p style="text-align: center;"><b>162 (L) × 144 (W) × 70 (H) mm<sup>3</sup>, 1.0kg</b></p>