



MDL-III-915L/1~270mW



INFRARED DIODE LASER  
AT 915nm

Infrared diode laser module at 915nm features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are used in measurement, communication, spectrum analysis, etc.



SPECIFICATIONS

Wavelength (nm)	915±5	
Operating mode	CW	
Output power (mW)	>1, 10, 20, ..., 270	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Transverse mode	Near TEM <sub>00</sub>	
Dimensions of beam at the aperture (mm)	~3.0	
Beam divergence, full angle (mrad)	<1.0	
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 (Frequency for 1Hz-30kHz)
	100-240VAC	PSU-A-D (Frequency for 30kHz-100kHz)
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz, 30kHz-100kHz optional	
Expected lifetime (hours)	10000	
Warranty	1 year	



MDL-III-915L	PSU-III-LED	PSU-III-FDA	PSU-A-D
143.5(L)×73(W)×46.2(H) mm <sup>3</sup> , 0.7kg	188.6 (L) ×155(W) ×92 (H) mm <sup>3</sup> , 1.5kg	171(L) ×130(W) ×62.2 (H) mm <sup>3</sup> , 1.2kg	162(L) ×144(W) ×70 (H) mm <sup>3</sup> , 1.0kg