

MDL-III-905/1~400mW

INFRARED DIODE LASER AT 905nm

Infrared diode laser at 905nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in laser distance measurement, etc.



SPECIFICATIONS

Wavelength (nm)	905±5	
Output power (mW)	>1,10,100.....400	
Transverse mode	Near TE ₀₀	
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Pointing stability after warm-up (mrad)	<0.05	
Warm-up time (minutes)	<10	
Beam divergence, full angle (mrad)	<2.5	
Beam diameter at the aperture (mm)	~5×8	
Beam height from base plate (mm)	24.8	
Polarization ratio	>50:1	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-III-LED	PSU-III-FDA
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off	
Expected lifetime (hours)	10000	
Warranty period	1 year	



MDL-III-905	PSU-III-LED	PSU-III-FDA
 <p>136(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>