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DATA SHEET

LD PUMPED ALL-SOLID-STATE INFRARED LASER AT 914nm

All solid state infrared laser at 914nm is made features of ultra-compact, long lifetime, low cost and easy operating, which is used in scientific experiment, optical sensor, measurement, optical instrument, communication, spectrum analysis, etc.



Model: MIL-III-914/1~400mW

Wavelength (nm)	914 ± 1nm		
Output Power (mW)	>100, 200, 300, 400		
Transverse Mode	TEM ₀₀		
Operating mode	CW		
Power stability (rms, over 4 hours)	<1%, <3%, <5%		
Warm-up time (minutes)	<10		
M ² factor	<1.2		
Beam divergence, full angle (mrad)	<1.5		
Beam diameter at 1/e ² (mm)	~1.5		
Beam height from base plate (mm)	24.8		
Polarization ratio	>100:1 (0 or 90 degree)		
Pointing stability after warm-up (mrad)	<0.05		
Operating temperature (°C)	10~35		
Power supply (90-264VAC or 5VDC)	PSU-III-FDA	PSU-III-LED	PSU-III-OEM
Expected lifetime (hours)	10,000		
Warranty period	1 year		

MxL-III-914	PSU-III-FDA	PSU-III-LED	PSU-III-OEM
<p>140.8(L) ×73(W) ×46.2(H) mm³, 0.6kg</p>	<p>133 (L) ×130(W) ×65 (H) mm³, 1.2kg</p>	<p>154 (L) ×155(W) ×95 (H) mm³, 1.5 kg</p>	<p>100 (L) ×62(W) ×56 (H) mm³, 0.2 kg</p>

<http://www.ultralasers.com>