

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 instrument, optical sensor, measurement, communication, spectrum analysis.



Wavelength (nm)	914 ± 1		
Output Power (mW)	>500, 600, ..., 800		
Transverse Mode	Near TEM ₀₀		
Operating Mode	CW		
Power stability (rms, over 4 hours)	<1%, <3%, <5%		
Warm-up time (minutes)	<10		
M ² factor	<2.0		
Beam divergence, full angle (mrad)	<2.0		
Beam diameter at the aperture (mm)	~3.0		
Beam height from base plate (mm)	29		
Polarization ratio	>100:1		
Pointing stability after warm-up (mrad)	<0.05		
Operating temperature (°C)	10~35		
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
Expected lifetime (hours)	10,000		
Warranty period	1 year		

MxL-H-914	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
<p>152.5(L) × 77(W) × 60(H) mm³, 0.9kg</p>	<p>268 (L) × 145(W) × 106 (H) mm³, 2.6 kg</p>	<p>238 (L) × 146(W) × 102 (H) mm³, 2.3kg</p>	<p>238 (L) × 146(W) × 94 (H) mm³, 2.2kg</p>