

MIL-W-2096/1~2500mW

**LD PUMPED ALL-SOLID-STATE  
INFRARED LASER AT 2096nm**

All solid state 2096nm infrared laser is made features of high power ,good beam quality and easy operating, which is widely used in material processing especially for plastics, and it use for pumping of laser sources for the mid infrared region, medical procedures such as precise tissue ablation, ophthalmic surgery or dentistry, suppresses the bleeding during operations, etc.



SPECIFICATIONS

Wavelength (nm)	2096±6
Operating mode	CW
Output power (mW)	>1~ 2500
Power stability (rms, over 4 hours)	<2%,3%
Beam divergence, full angle (mrad)	<6
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	<4
Beam height from base plate (mm)	108.5
Warm-up time (minutes)	<10
Operating temperature (°C)	15~30
Power supply (90-264VAC)	PSU-W-FDA or PSU-W-LED
Expected lifetime (hours)	10000
Warranty period	1 year



MIL-W-2096	PSU-W-FDA	PSU-W-LED
<p>418(L)×202(W)×135(H) mm<sup>3</sup>, 9.5kg</p>	<p>307 (L) ×168(W) ×123(H) mm<sup>3</sup>, 4.5kg</p>	<p>336 (L) ×168 (W) ×133 (H) mm<sup>3</sup>, 4.6 kg</p>