



MIL-W-3000~4800/1~1000mW

**LD PUMPED ALL-SOLID-STATE
INFRARED LASER AT 3-5μm**

CNI's All solid state infrared laser at 3-5μm features high power, good beam quality and easy operating, it is widely used in material processing especially for plastics, FSO communication and security applications, etc.

SPECIFICATIONS

Wavelength (nm)	3000	3200	3400	3600	4000	4200	4400	4600	4800
Wavelength deviation (nm)	±30								
Operating mode	CW								
Output power (mW)	>1, 100, 200, ... 1000				>1, 100, 200, ... 800				
Power stability (rms, over 4 hours)	<5%, <10%								
Beam divergence, full angle (mrad)	<10								
Beam diameter at the aperture (1/e ² ,mm)	<10								
Polarization ratio	~500:1								
Beam height from base plate (mm)	93.5								
Warm-up time (minutes)	<10								
Operating temperature (°C)	10~35								
Power supply (90-264VAC)	PSU-W-FDA								
Expected lifetime (hours)	10000								
Warranty period	1 year								



MIL-W-3000~4800	PSU-W-FDA
<p>346(L)×140(W) ×125(H) mm³, 5.7kg</p>	<p>307 (L) ×168(W) ×123(H) mm³, 4.5kg</p>