



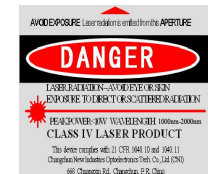
MIL-W-3800/1~1000mW

SPECIFICATIONS

LD PUMPED ALL-SOLID-STATE
MID-IR LASER AT 3800nm

CNI's All solid state infrared laser at 3800nm 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.

Wavelength (nm)	3800±30
Operating mode	CW
Output power (mW)	>1, 50, 200, ... 1000
Power stability (rms, over 4 hours)	<5%, <10%
Beam divergence, full angle (mrad)	<10
Beam diameter at the aperture (1/e ² ,mm)	<10
Beam height from base plate (mm)	111.5
Warm-up time (minutes)	<10
Operating temperature (°C)	15~30
Power supply (90-264VAC)	PSU-AOM(3U)
Expected lifetime (hours)	10000
Warranty period	1 year



MIL-W-3800	PSU-AOM(3U)
<p>402(L)×214(W)×160(H) mm³, 11.5kg</p>	<p>483.5 (L) × 454 (W) × 147.5 (H) mm³, 8.3 kg</p>