

MIL-W-946/1.5~5W



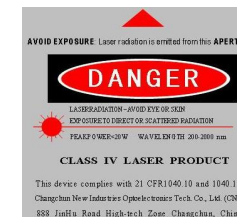
**LD PUMPED ALL-SOLID-STATE
INFRARED LASER AT 946nm**

All solid state infrared laser at 946nm 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, etc.



SPECIFICATIONS

Wavelength (nm)	946±1	
Operating mode	CW	
Output power (W)	>1.5, 2, 2.5, ..., 5	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Transverse mode	Near TEM ₀₀	
M ² factor	<3.0	
Beam divergence, full angle (mrad)	<2.0	
Beam diameter at the aperture (1/e ² , mm)	<2.0	
Warm-up time (minutes)	<10	
Polarization ratio	>100:1	
Beam height from base plate (mm)	93.5	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-W-LED	PSU-W-FDA
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional	
Expected lifetime (hours)	10000	
Warranty period	1 year	



MIL-W-946	PSU-W-LED	PSU-W-FDA
<p>344.5 (L) × 140 (W) × 124.3 (H) mm³, 5.7 kg</p>	<p>335 (L) × 168 (W) × 133 (H) mm³, 4.2 kg</p>	<p>323 (L) × 168 (W) × 123 (H) mm³, 4.1 kg</p>