

MIL-W-1064/6~20W



LD PUMPED ALL-SOLID-STATE INFRARED LASER AT 1064nm

All solid state infrared laser at 1064nm is made features of ultra compact, long lifetime and easy operating, which is used in scientific experiment, optical instrument, optical sensor, measurement, communication, spectrum analysis, etc.



SPECIFICATIONS

Model	MIL-W-1064
Wavelength (nm)	1064±1
Operating mode	CW
Output power (W)	>6, 6.5, 7, ..., 20
Power stability (rms, over 4 hours)	<1%, <2%, <3%, <5%
Transverse mode	Near TEM ₀₀
M ² factor	3~8
Beam divergence, full angle (mrad)	<2.0
Beam diameter at the aperture (1/e ² , mm)	3~5
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-1064	PSU-W-LED	PSU-W-FDA
<p>344.5 (L) × 140 (W) × 124.3 (H) mm³, 5.7 kg</p>	<p>336 (L) × 168 (W) × 133 (H) mm³, 4.6 kg</p>	<p>307 (L) × 168 (W) × 123 (H) mm³, 4.5 kg</p>