

MIL-N-1990/1~600mW

LD PUMPED ALL-SOLID-STATE INFRARED LASER AT 1990nm

All solid state infrared laser at 1990nm is made features of ultra compact, long lifetime and easy operating, which is used in Ho:YAG laser pumping, medical, scientific research, etc.



SPECIFICATIONS

Wavelength (nm)	1990±2	
Operating mode	CW	
Output power (mW)	>1, 2, 3, ..., 600	
Power stability (rms, over 4 hours)	<1%, <2%, <3%, <5%	
Transverse mode	Near TEM ₀₀	
Polarizaion ratio	>100:1	
Beam divergence, full angle (mrad)	<8	
Beam diameter at the aperture (1/e ² ,mm)	<3	
Beam height from base plate (mm)	68.5	
Warm-up time (minutes)	<10	
Operating temperature (°C)	15~30	
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA
Expected lifetime (hours)	10000	
Warranty period	1 year	



MIL-N-1990	PSU-H-LED	PSU-H-FDA
<p>230(L)×99(W)×94(H) mm³, 2.5kg</p>	<p>277 (L) ×145(W) ×106 (H) mm³, 2.6 kg</p>	<p>275 (L) ×146(W) ×104 (H) mm³, 2.4 kg</p>