

MIL-F-1990/1~1000mW

SPECIFICATIONS

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.



Wavelength (nm)	1990±4	
Output power (mW)	>1, 2, 3, ..., 1000	
Transverse mode	Near TEM ₀₀	
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%, <10%	
Warm-up time (minutes)	<10	
M ² factor	<4	
Beam divergence, full angle (mrad)	<8	
Beam diameter at the aperture (mm)	<3	
Beam height from base plate (mm)	45	
Polarizaion ratio	~500:1	
Spectral linewidth(mm)	5	
Operating temperature (°C)	15~30	
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA
Expected lifetime (hours)	10000	
Warranty period	1 year	



MxL-F-1990	PSU-H-LED	PSU-H-FDA
<p>209(L)×88(W)×74(H) mm³, 1.6 kg</p>	<p>268 (L) ×145(W) ×106 (H) mm³, 2.6 kg</p>	<p>238 (L) ×146(W) ×102 (H) mm³, 2.3 kg</p>