

MIL-F-1940/1~1000mW

SPECIFICATIONS


LD PUMPED ALL-SOLID-STATE INFRARED LASER AT 1940nm

All solid state infrared laser module at 1940nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in measurement, communication, spectrum analysis, etc.



Wavelength (nm)	1940±1	
Output power (mW)	>1, 2, 3, ..., 1000	
Transverse mode	Near TEM ₀₀	
Operating mode	CW	
Power stability (rms, over 4 hours)	<3%, <5%, <10%	
Warm-up time (minutes)	<10	
M ² factor	<4	
Beam divergence, full angle (mrad)	<8	
Beam diameter at the aperture (mm)	<4	
Beam height from base plate (mm)	45	
Polarizaion ratio	~500:1	
Spectral linewidth(mm)	5	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA
Expected lifetime (hours)	10000	
Warranty period	1 year	



MxL-F-1940	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>
	