

MIL-F-1030/1~600mW



LD PUMPED ALL-SOLID-STATE INFRARED LASER AT 1030 nm

All solid state 1030 nm infrared laser is made features of ultra compact, long lifetime, cost -effectiveness and easy operating, which is widely used in scientific experiment, laser fluorescence, etc.



SPECIFICATIONS

Central wavelength (nm)	1030±2	
Operating mode	CW	
Output power (mW)	>1, 5, 10, ..., 100	>100, ..., 600
Power stability (rms, over 4 hours)	<1%, <2%, <3%, <5%	<5%, <10%
Transverse mode	TEM ₀₀	
M ² factor	<1.5	<2
Beam diameter at the aperture 1/e ² (mm)	~3.0	
Beam divergence, full angle (mrad)	<2.0	
Warm-up time (minutes)	<10	
Pointing stability after warm-up (mrad)	<0.05	
Beam height from base plate (mm)	45	
Operating temperature (°C)	10~35	
Power supply (80-264VAC)	PSU-H-LED/PSU-H-FDA	
Expected lifetime (hours)	10000	
Warranty period	1 year	



MIL-F-1030	PSU-H-LED	PSU-H-FDA
<p>211 (L)×88(W)×74(H) mm³, 1.6 kg</p>	<p>277 (L) ×145(W) ×106 (H) mm³, 2.6 kg</p>	<p>275(L) ×145(W) ×104(H) mm³, 2.3 kg</p>