

MLL-F-1030/1~100mW

LOW NOISE INFRARED LASER AT 1030 nm





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



SPECIFICATIONS

Wavelength (nm)	1030±1		
Output power (mW)	>1, 5, 10, ..., 100		
Transverse mode	TEM ₀₀		
Operating mode	CW		
Power stability (rms, over 4 hours)	<5%, <3%, <1%		
Noise of amplitude(rms, 20Hz~20MHz)	<1%		
Warm-up time (minutes)	<10		
M ² factor	<1.5		
Beam divergence, full angle (mrad)	<2.0		
Beam diameter at the aperture (mm)	~3.0		
Beam height from base plate (mm)	45		
Pointing stability after warm-up (mrad)	<0.05		
Operating temperature (°C)	10~35		
Power supply (80-264VAC)	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
Expected lifetime (hours)	10000		
Warranty period	1 year		



MLL-F-1030	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
			
209(L)×88(W)×74(H) mm ³ , 1.6 kg	268 (L) ×145(W) ×106 (H) mm ³ , 2.6 kg	238 (L) ×146(W) ×102 (H) mm ³ , 2.3 kg	238 (L) ×146(W) ×94 (H) mm ³ , 2.2 kg
