

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, ..., 50	>50, ..., 100
Power stability (rms, over 4 hours)	<1%, <2%, <3%, <5%	<2%, <3%, <5%
Transverse mode	TEM ₀₀	
Operating mode	CW	
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-FDA	
Expected lifetime (hours)	10000	
Warranty period	1 year	

