

MLL-F-577/100~300mW



**LD PUMPED ALL-SOLID-STATE
LOW NOISE LASER AT 577NM**

All solid state 577nm low noise laser is made features of ultra-compact, long lifetime, high stability and reliability, which is used in scientific experiment, medical measurement, instrument, spectrum analysis, etc.



SPECIFICATIONS

Wavelength (nm)	577±2	
Operating mode	CW	
Output power (mW)	100 - 200	200 - 300
Power stability (rms, over 4 hours)	<3%, <2%, <1%	<5%, <3%, <2%
Transverse mode	TEM ₀₀	
Noise of amplitude (rms, 1Hz~20MHz)	<1%	
Spectral linewidth (nm)	<0.2	
M ² factor	<1.2	
Beam diameter at the aperture (1/e ² , mm)	~3.0	
Beam divergence, full angle (mrad)	<1.5	
Polarization ratio	>100:1 (Vertical or Horizontal, Optional)	
Warm-up time (minutes)	<5	
Pointing stability after warm-up (mrad)	<0.05	
Beam height from base plate (mm)	45	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-FDA/PSU-H-OEM	
Expected lifetime (hours)	10000	
Warranty	1 year	



Note: The laser head needs to be used on a heat sink with good heat dissipation.

MLL-F-577	PSU-H-FDA	PSU-H-OEM
<p>142.5(L)×60(W)×50(H) mm³, 1.0 kg</p>	<p>275(L)×145(W)×104(H) mm³, 2.3 kg</p>	<p>235(L)×110(W)×45(H) mm³, 1.1 kg</p>