

DATA SHEET


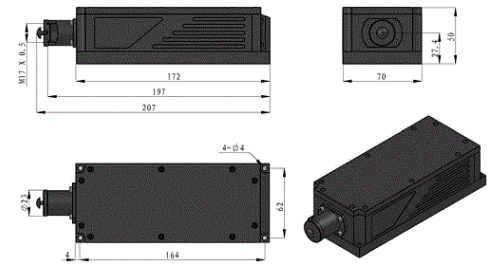

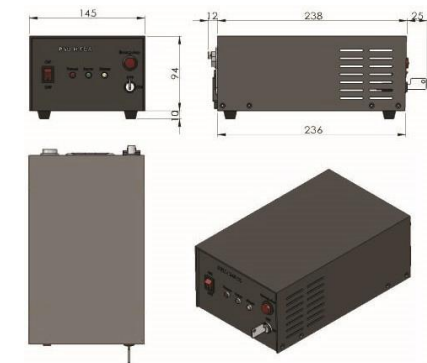
LD PUMPED ALL-SOLID-STATE RED LASER AT 721nm

DPSS red laser at 721nm is made features of ultra-compact, long lifetime, high stability and easy operating, which is widely used in measurement, spectrum analysis, and scientific research etc.

Model: MRL-FN-721/1~500mW

Wavelength (nm)	721 ± 1	
Output power (mW)	>10, 20, 30, ..., 500	
Transverse mode	TEM ₀₀	
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%, <10% , Optional	
Warm-up time (minutes)	<10	
M ² factor	<1.2	
Beam divergence, full angle (mrad)	<1.5	
Beam diameter at the aperture (mm)	~2.0	
Beam height from base plate (mm)	27.4	
Polarization ratio	>100:1 (Vertical)	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA
Modulation	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option.	
Expected lifetime (hours)	10,000	
Warranty period	1 year	



MxL-FN-721	Dimensions	PSU-H-LED	PSU-H-FDA
	 <p>197(L)×70(W)×50(H) mm³, 2.0 kg</p>	 <p>277(L)×145(W)×106(H) mm³, 2.6kg</p>	 <p>275(L)×145(W)×104(H) mm³, 2.3kg</p>