

**MRL-FN-721 / 1~500mW**



**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.



**SPECIFICATIONS**

Wavelength (nm)	721±1	
Operating mode	CW	
Output power (mW)	>1, 10, 20, ... ,200	>200, ... , 500
Power stability (rms, over 4 hours)	<3%, <5%	<3%, <5%, <10%
Transverse mode	TEM <sub>00</sub>	
M <sup>2</sup> factor	<1.2	
Dimensions of beam at the aperture (mm)	<1.2	
Beam divergence, full angle (mrad)	<1.5	
Polarization ratio	>100:1 Horizontal±5 degree (Vertical Optional)	
Warm-up time (minutes)	<10	
Beam height from base plate (mm)	27.4	
Operating temperature (°C)	10~35	
Power supply (90-264VAC or 5VDC)	PSU-H-LED/PSU-H-FDA	
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option	
Expected lifetime (hours)	10000	
Warranty	1 year	



MRL-FN-721	PSU-H-LED	PSU-H-FDA
<p>197(L)×70(W)×50(H) mm<sup>3</sup>, 1.5 kg</p>	<p>277 (L) ×145(W) ×106 (H) mm<sup>3</sup>, 2.6 kg</p>	<p>275(L) ×145(W) ×104(H) mm<sup>3</sup>, 2.3 kg</p>