

**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>