



MRL-FN-698/1~1000mW

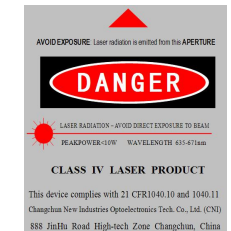


**LD PUMPED ALL-SOLID-STATE  
RED LASER AT 698nm**

DPSS red laser at 698nm 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)	698±1	
Operating mode	CW	
Output power (mW)	>1, 10, 100, ... , 500	>500, ... , 1000
Power stability (rms, over 4 hours)	<2%,3%	<3%,5%
Transverse mode	TEM <sub>00</sub>	Near TEM <sub>00</sub>
M <sup>2</sup> factor	<1.5	
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	~2.0	
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)	PSU-H-LED/PSU-H-FDA	
Modulation option	TTL on/off, 1Hz-1KHz; and Analog modulation option	
Expected lifetime (hours)	10000	
Warranty	1 year	



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



MRL-FN-698	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>