

MLL-FN-721 /1~100mW

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

Low noise red laser at 721nm is made features of ultra compact, long lifetime, low cost 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, ... ,100
Power stability (rms, over 4 hours)	<5%, <10%
Transverse mode	TEM ₀₀
M ² factor	<1.2
Noise of amplitude (rms, 20Hz~20MHz)	<1%
Beam diameter at the aperture (1/e ² , 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-FDA
Expected lifetime (hours)	10000
Warranty	1 year



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

