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DATA SHEET

LD PUMPED ALL-SOLID-STATE RED LASER AT 607nm

DPSS red laser at 607nm is made features of ultra-compact, long lifetime and easy operating, which is widely used in measurement, spectrum analysis as the substitute for He-Ne lasers.



Model: MRL-FN-607/1~500mW

Wavelength (nm)	607 ± 3nm
Output power (mW)	>1, 10, 20, ..., 500
Operating mode	CW
Transverse mode	TEM ₀₀
Power stability (rms, over 4 hours)	<1%, <3%, <5%
M ² factor	<1.2
Warm-up time (minutes)	<10
Beam divergence, full angle (mrad)	<1.2
Beam diameter at the aperture (1/e ² , mm)	~2.0
Polarization ratio	>100:1 Horizontal ±5 degree (Vertical Optional)
Beam height from base plate (mm)	27.4
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-H-FDA / PSU-H-LED
Modulation option	TTL or Analog, 1Hz ~ 10KHz, optional
Expected lifetime (hours)	10,000
Warranty period	1 year

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

MxL-FN-607	Dimensions	PSU-H-FDA	PSU-H-LED
	197(L) × 70(W) × 50(H) mm ³ , 1.36kg	238(L) × 145(W) × 104(H) mm ³ , 2.3kg	277(L) × 145(W) × 106(H) mm ³ , 2.6 kg