

MLL-III-793/1~2000mW

### LOW NOISE INFRARED DIODE LASER AT 793nm


Low noise diode infrared laser module at 793nm is made features of ultra compact, long lifetime and easy operating, which is used in pumping Tm:YAG, Tm:YLF and so on.



#### SPECIFICATIONS

Wavelength (nm)	793±3	
Output power (mW)	>1, 100, 200, 300, ..., 2000	
Transverse mode	Multimode	
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Noise of amplitude (rms, 1~20MHz)	<1%	
Warm-up time (minutes)	<5	
M <sup>2</sup> factor	<20	
Beam divergence, full angle (mrad)	<3.0	
Dimensions of beam at the aperture (mm)	~5×8	
Beam height from base plate (mm)	24.8	
Polarization ratio	>50:1	
Operating temperature (°C)	10~35	
Power supply (90-264VAC or 5VDC)	PSU-III-LED	PSU-III-FDA
Expected lifetime (hours)	10000	
Warranty	1 year	



MxL-III-793	PSU-III-LED	PSU-III-FDA
 <p>136(L)×73(W)×46.2(H) mm<sup>3</sup>, 0.6kg</p>	 <p>153 (L) ×155(W) ×92 (H) mm<sup>3</sup>, 1.5kg</p>	 <p>133 (L) ×130(W) ×65 (H) mm<sup>3</sup>, 1.2kg</p>
		