

长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech. Co., Ltd.

DATA SHEET

MLL-FN-532/1~1500mW

LOW NOISE LD PUMPED ALL-SOLID-STATE GREEN LASER

Low noise all solid state 532nm green laser is made features of high output power stability, good beam profile, ultra compact, long lifetime, low cost and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, etc.



SPECIFICATIONS			
Wavelength (nm)	532 ± 1		
Output power (mW)	>1, 5, 10, 20, , 1500		
Transverse mode	TEM_{00}		
Operating mode	CW		
Power stability (rms, over 4 hours)	<1%, <3%, <5%,		
Noise of amplitude (rms, 20Hz~20MHz)	<1%, <0.5%		
Warm-up time (minutes)	<10		
M ² factor	<1.2		
Beam divergence, full angle (mrad)	<1.5		
Beam diameter at the aperture (mm)	~2.0		
Beam height from base plate (mm)	27.4		
Polarization ratio	>100:1 (0 or 90 degree)		
Pointing stability after warm-up (mrad)	<0.05		
Operating temperature (°C)	10~35		
Power supply (90-264VAC or 5VDC)	PSU-H-LED	PSU-H-FDA	
Expected lifetime (hours)	10000		
Warranty	1 year		





MXL-FN-532	PSU-H-LED	PSU-H-FDA	
	268 (L) ×145(W) ×106 (H) mm ³ , 2.6 kg	DPSSL DRIVER TRANS LINE ALLAN ALLAN TRANS LINE ALLAN ALLAN TRANS ALLAND	
197(L)×70(W) ×50(H), 2.0 kg		238 (L) ×146(W) ×102 (H) mm ³ , 2.3 kg	
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