

产业光电技术有限公司

Changchun New Industries Optoelectronics Tech-Co.Ltd.

DATA SHEET

MRL-FN-671/1~1000mW

SPECIFICATIONS

LD PUMPED ALL-SOLID-STATE **RED LASER AT 671nm**

DPSS red laser at 671nm 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.



Wavelength (nm)	671 ± 1		
Output power (mW)	>1, 10, 100, , 1000		
Transverse mode	TEM ₀₀		
Operating mode	CW		
Power stability (rms, over 4 hours)	<1%, <3%, <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		AVODEXPOSURE Laternalistics are indedition the APERTUPE
Polarization ratio	>100:1 (0 or 90 degree)		DANGER
Pointing stability after warm-up (mrad)	<0.05	AL LATERALIZION-AVOID DRECTEMOSTRETOREM	
Operating temperature (°C)	10~35		· HEALIGNER SOMV WAVELENDER 65m-67m
Power supply (90-264VAC or 5VDC)	PSU-H-LED	PSU-H-FDA	The device couples with 21 CPR 1040 10 and 1040 11
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option		Changchan New Judantes Optoinstranses Tech. Co., Udl (CNI) 666 Chanagean Rd, Changchan, P.R. Chan
Expected lifetime (hours)	10000		
Warranty	1 year		

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

MXL-FN-671	PSU-H-LED	PSU-H-FDA
	268 (L) ×145(W) ×106 (H) mm ³ , 2.6 kg	DPSSL DRIVER There Lase Alara Tropic Lase Alara Tropic Lase Alara Tropic Lase Alara
197(L)×70(W) ×50(H), 2.0 kg		238 (L) ×146(W) ×102 (H) mm ³ , 2.3 kg