

长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech. Co., Ltd.

DATA SHEET

OEM-IR-2130/3~6W

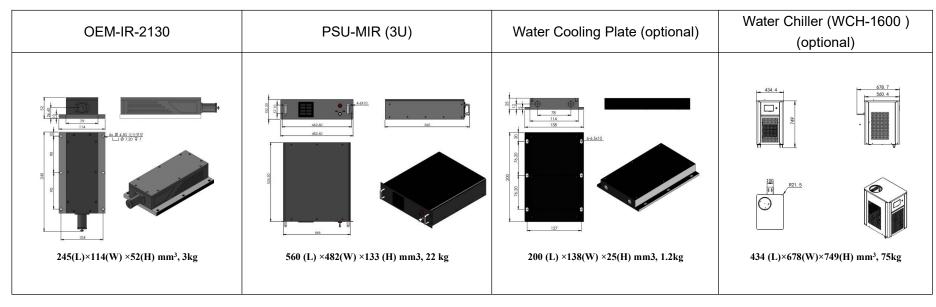
SPECIFICATIONS

LD PUMPED ALL-SOLID-STATE INFRARED LASER AT 2130nm

All solid state 2130nm infrared laser is made features of high power ,good beam quality and easy operating, which is widely used in material processing especially for plastics, and for pumping of laser sources for the mid infrared region, medical procedures such as precise tissue ablation, ophthalmic surgery or dentistry, suppresses the bleeding during operations, etc.



Wavelength (nm)	2130±2	
Operating mode	CW	
Output power (W)	>3,4,,6	
Beam divergence, full angle (mrad)	<3	
Beam diameter at the aperture (1/e ² ,mm)	<4	
Power stability (rms, over 4 hours)	<3%, <5%	
Beam height from base plate (mm)	26.4	AVOD EXPOSURE: Lasemadation is emitted from this APERTURE
Warm-up time (minutes)	<10	DANGER
Operating temperature (°C)	10~30	
Power supply	PSU-MIR (3U)	EXPOSURE TO DIRECT OR SCATTERED RADIATION
Expected lifetime (hours)	10000	HEAKPOWER-10W WAMELENGTH 1000mm-2000mm CLASS IV LASER PRODUCT
Warranty period	l year	This device complies with 21 CFR 1040 10 and 1040 11 Changchan New Moldshirs Opticelectraits Teth Co., L41 (CNI) 668 Changzin Rd, Changchan, P.R. China



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