

Changchun New Industries Optoelectronics Tech. Co., Ltd.

DATA SHEET

MLL-H-914/400~800mW



LOW NOISE INFRAFED LASER AT 914 nm

All solid state low noise infrared laser at 914 nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in scientific experiment, optical instrument, optical sensor, measurement, communication, spectrum analysis, etc.



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SPECIFICATIONS

Wavelength (nm)	914±1	
Output power (mW)	>400, 500, 600, ,800	
Power stability (rms, over 4 hours)	<1%, <2%, <3%, <5%	
Transverse mode	Near TEM ₀₀	
Operating mode	CW	
Noise of amplitude (rms, 20Hz~20MHz)	<1%	
Warm-up time (minutes)	<10	
M ² factor	<2.0	
Beam divergence, full angle (mrad)	<2.0	AVOD EXPOSIPE Laserraidation is entitled from this APERTUPE
Beam diameter at the aperture (mm)	~3.0	
Beam height from base plate (mm)	29	LASER RATION-AVOID DERCTEMOSE RETOER
Pointing stability after warm-up (mrad)	<0.05	HARDONEN-SUMW WAVELENGTH SUMM-DOM CLASS HID LASER PRODUCT
Operating temperature (°C)	10~35	This device complies with 21 CFR 1040 10 and 1040 11 Changchan New Matchine Opticieturus Tech Oc. 144 (OM)
Power supply (90-264VAC)	PSU-H-FDA/PSU-H-OEM	668 Changan Rd, Changhan, P.R. Chan
Expected lifetime (hours)	10000	
Warranty period	1 year	

