

长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech, Co., Ltd.

SPECIFICATIONS

DATA SHEET

MLL-H-1342/1500~2000mW



LOW NOISE INFRARED LASER AT 1342 nm

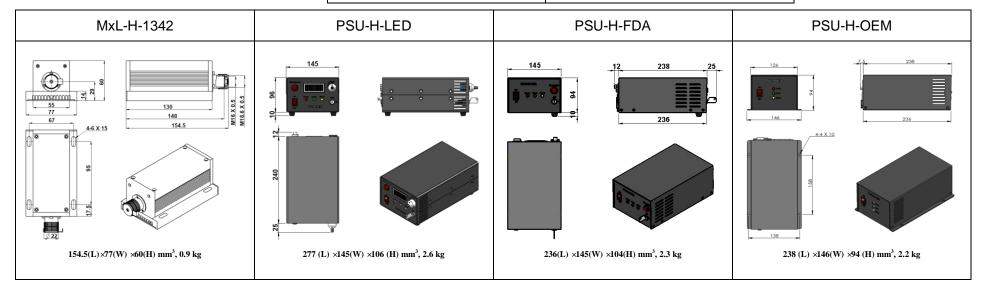
All solid state low noise infrared laser at 1342 nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in scientific experiment, optical instrument, optical sensor, measurement, communication, spectrum analysis, etc.



1342 ± 1 Wavelength (nm) Output power (mW) >1500, 1600, 1700, ..., 2000 Near TEM₀₀ Transverse mode Operating mode CW Power stability (rms, over 4 hours) <1%, <3%, <5% Noise of amplitude (rms, 20Hz~20MHz) <1% <10 Warm-up time (minutes) M² factor <2.0 <2.0 Beam divergence, full angle (mrad) Beam diameter at the aperture (mm) ~3.0 29 Beam height from base plate (mm) Polarization ratio >100:1 Pointing stability after warm-up (mrad) < 0.05 Operating temperature (°C) 10~35 Power supply (90-264VAC) PSU-H-FDA PSU-H-OEM PSU-H-LED Expected lifetime (hours) 10000 Warranty period 1 year







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