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Changchun New Industries Optoelectronics Tech, Co., Ltd.

DATA SHEET

MDL-H-825/1~2500mW

SPECIFICATIONS

INFRARED DIODE LASER AT 825nm

Diode infrared laser module at 825nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in measurement, communication, spectrum analysis, etc.



Wavelength (nm)	825±3		
Output power (mW)	>1, 100, 200, , 2500		
Transverse mode	Near TE ₀₀		
Operating mode	CW		
Power stability (rms, over 4 hours)	<1%, <3%, <5%		
Warm-up time (minutes)	<5		
M ² factor	<20		
Beam divergence, full angle (mrad)	<3.0		
Beam diameter at the aperture (mm)	5~8		
Beam height from base plate (mm)	29		
Pointing stability after warm-up (mrad)	<0.05		
Operating temperature (°C)	10~35		
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off		
Expected lifetime (hours)	10000		
Warranty period	1 year		



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MxL-H-825 PSU-H -LED PSU-H-FDA **PSU-H-OEM** 900 DPSSL DRIVER DRESI DI 238 (L) ×146(W) ×102 (H) mm³, 2.3 kg 238 (L) ×146(W) ×94 (H) mm³, 2.2 kg 153(L)×77(W) ×60(H) mm³, 0.9 kg 268 (L) ×145(W) ×106 (H) mm³, 2.6 kg 146 138

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