

DATA SHEET

INFRARED DIODE LASER AT 2200nm

Diode infrared laser module at 2200nm is made features of ultra-compact, long lifetime, low cost and easy operating, which is used in measurement, communication, spectrum analysis, etc.



Model: MDL-H-2200/1~450mW

Wavelength (nm)	2200 ±10nm		
Output power (mW)	>10, 50, 100, ..., 450		
Transverse mode	Multimode		
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)	<5.0		
Beam dimensions at the aperture (mm)	10~12		
Beam height from base plate (mm)	29		
Polarization ratio	>50:1		
Operating temperature (°C)	10~35		
Power supply (90-264VAC)	PSU-H-FDA	PSU-H-LED	PSU-H-OEM
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz; and TTL on/off.		
Expected lifetime (hours)	10,000		
Warranty period	1 year		

MxL-H-2200	PSU-H-FDA	PSU-H-LED	PSU-H-OEM
154.5(L)×77(W)×60(H) mm³, 0.9kg	275(L)×145(W)×104(H) mm³, 2.3kg	277(L)×145(W)×106(H) mm³, 2.6 kg	245.5(L)×146(W)×94(H) mm³, 2.2 kg