



MDL-H-1870/1~800mW



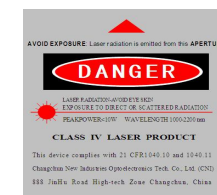
INFRARED DIODE LASER
AT 1870nm

It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are used in measurement, communication, spectrum analysis, etc.



SPECIFICATIONS

Central wavelength (nm)	1870±20	
Operating mode	CW	
Output power (mW)	>1, 50, 100, ... , 800	
Power stability (rms, over 4 hours)	<1%, <2%, <3%	
Transverse mode	Multimode	
Dimensions of beam at the aperture (mm)	~5×8	
Beam divergence, full angle (mrad)	<3.0	
Warm-up time (minutes)	<5	
Beam height from base plate (mm)	29	
Operating temperature (°C)	10~35	
Power supply (100-240VAC)	PSU-H-LED	PSU-H-FDA
TTL / Analog modulation	TTL or Analog with 1Hz-1KHz 1KHz-10KHz, 10KHz-30KHz optional	
Expected lifetime (hours)	10000	
Warranty	1 year	



MDL-H-1870	PSU-H-LED	PSU-H-FDA
160 (L) × 77(W) × 60 (H) mm³, 0.9kg	277 (L) × 145(W) × 106(H) mm³, 2.3kg	275 (L) × 145(W) × 104(H) mm³, 2.1kg