

MDL-F-1850/1~1000mW



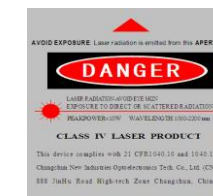
**INFRARED DIODE LASER  
AT 1850nm**

Infrared diode laser module at 1850nm is made features of ultra compact, long lifetime, cost-effectiveness and easy operating, which is used in measurement, communication, spectrum analysis, etc.



SPECIFICATIONS

Wavelength (nm)	1850±30	
Operating mode	CW	
Output power (mW)	>>1, 100, 200, ..., 1000	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
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)	45	
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	



MxL-F-1850	PSU-H-LED	PSU-H-FDA
<p>216.5 (L) × 88(W) × 74 (H) mm<sup>3</sup>, 1.4kg</p>	<p>277 (L) × 145(W) × 106(H) mm<sup>3</sup>, 2.3kg</p>	<p>275 (L) × 145(W) × 104(H) mm<sup>3</sup>, 2.1kg</p>