

**MDL-H-940/2000~4500mW**



**INFRARED DIODE LASER  
AT 940nm**

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)	940±5	
Operating mode	CW	
Output power (mW)	>2000, 2500, ..., 4500	
Power stability (rms, over 4 hours)	<1%, <2%, <3% (<0.5%, optional)	
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-940	PSU-H-LED	PSU-H-FDA
<p>160 (L) ×77(W) ×60 (H) mm<sup>3</sup>, 0.9kg</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>