



MDL-III -640PS/ 50μW~3.5mW

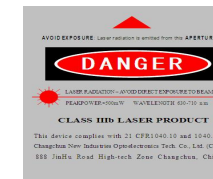


**PICOSECOND RED DIODE
LASER AT 640nm**

It features integrated electronics, repetition rate 100kHz to 80MHz, synchronized signal output. Fast ON/ OFF/ multiplexing capability. Suitable for fluorescence excitation, time resolve spectrum, highly sensitive absorption spectroscopy, etc.

SPECIFICATIONS

Wavelength (nm)	640±3	
Operating mode	Pulsed	
Output power	50μW~3.5mW	
Repetition frequency	100kHz~20MHz	20MHz~80MHz
Pulse width (ps)	100~1000	
Beam diameter at the aperture (1/e ² , mm)	~1.3	
Beam divergence, full angle (mrad)	~1.0	
Beam height from base plate (mm)	26.5	
Driver (12VDC 4.2A)	PSU-III-PS	
Warranty	1 year	



MDL-III-640PS	PSU-III-PS	Accessory (Power supply 100-240VAC)
<p>154(L)×84(W)×46(H) mm³, 0.6kg</p>	<p>110 (L) ×67(W) ×42 (H) mm³, 0.3kg</p>	<p>99 (L) ×82(W) ×35(H) mm³, 0.3kg</p>