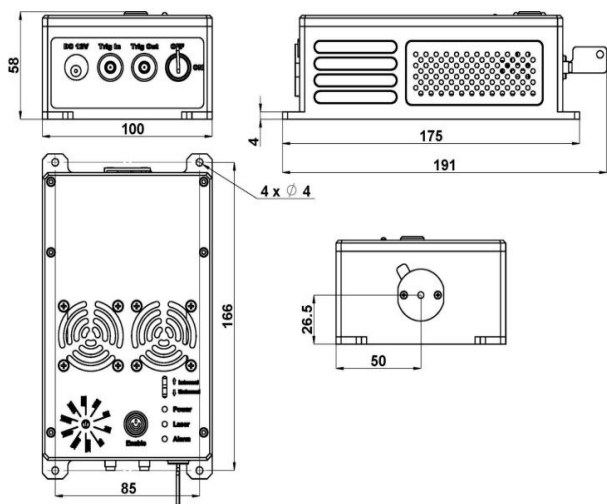
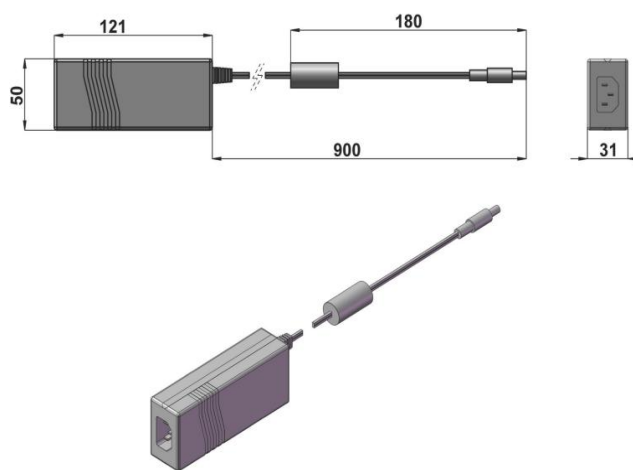


**450nm 10mW 100-1000ps PICOSECOND PULSED BLUE DIODE LASER**

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**

型号 Model No.	FU-MDL-PS-45010
波长 Wavelength (nm)	450±5
峰值功率 Peak Power (mW)	~10
功率稳定性 Power stability (rms, over 4 hours)	<3%, <2%, <1%
横向模式 Transverse mode	Near TEM00
工作方式 Operating mode	Pulsed
用户触发频率 User trigger frequency	100kHz~20MHz (Internal trigger available) or
孔径处光束直径 Beam diameter at the aperture (1/e ² , mm)	~1.2
光束发散角 Beam divergence, Full Angle (mrad)	~1.0
预热时间 Warm-up time (minutes)	<5
光束高度 Beam height from base plate (mm)	26.5
工作温度 Operating temperature (°C)	10~35
供电电压 Operating voltage	DC12V 4A
保修期 Warranty Time	1 year
激光头尺寸 Laser head dimension (mm) / Weight	191(L)×100(W)×58(H) mm ³ , 1.2kg
电源尺寸 Power supply dimension (mm) / Weight	121(L)×50(W)×31(H) mm ³ , 0.3kg

191(L)×100(W)×58(H) mm³, 1.2kg121(L)×50(W)×31(H) mm³, 0.3kg