

FL-266-Pico/1-50mW

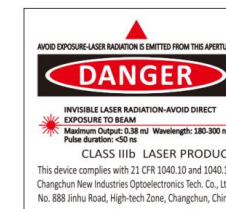
SPECIFICATIONS

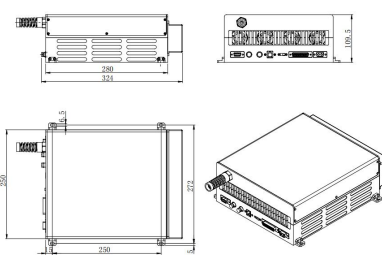
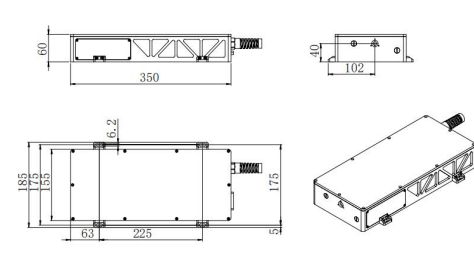
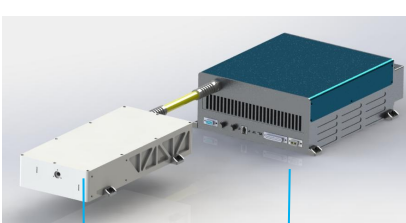
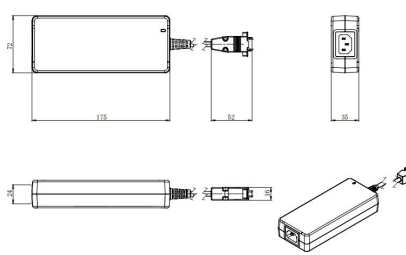
PICOSECOND ALL FIBER PULSED LASER

Picosecond all fiber pulsed laser at 266nm is made features of high output power stability, good beam profile, ultra compact, long lifetime, cost-effectiveness and easy operating, which is widely used in scientific research, laser processing, and so on.



Wavelength (nm)	266±1
Operating mode	Pulsed
Average power (mW) <sup>1</sup>	1-50@1MHz
Power stability (rms, 4 hours ±3°C)	<5%, <3%
Pulse duration (ps) <sup>2</sup>	50-900
M <sup>2</sup>	<2
Rep. rate <sup>3</sup>	100kHz-20MHz
Polarization ratio (dB)	>15 Horizontal (Vertical optional)
Warm-up time (minutes)	<15
Beam height from base plate (mm)	40
Delivery fiber length (cm)	60
Cooled method	Air cooled
Operating temperature (°C)	15-35
Operating voltage (VDC)	12V/11.5A
Expected lifetime (hours)	>10000



LASER HEAD (Driver integrated)			POWER SUPPLY (100-240VAC) optional
Fundamental Frequency	Forth harmonic		
 <p>324(L)×282(W)×109.5(H) mm<sup>3</sup>, 8.5 kg</p>	 <p>350(L)×185(W)×60(H) mm<sup>3</sup>, 2.5kg</p>	 <p>Forth harmonic      FL-1064-Pico</p>	 <p>350(L)×185(W)×60(H) mm<sup>3</sup>, 0.7kg</p>

- 1 The output power was measured at 1MHz, the value varies with different frequency.
- 2 One fixed value between 50-900ps; <50ps can be customized.
- 3 One fixed value between 0.1-20MHz. Repetition rate 0.1-20MHz variable or other frequency can be customized.