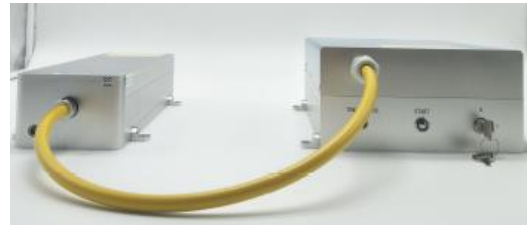




## FLK532 Series 532nm Picosecond Pulsed Fiber Laser

### Overview

The FLK532 series picosecond all fiber pulsed laser is ideal for applications that require a wavelength of 532nm and output power levels up to 1000mW. The laser is constructed with features of pulse duration <900ps, high output power stability, good beam profile, ultra-compact design, long lifetime, cost effectiveness, and easy operation. It is commonly used in TCSPC, picosecond processing, laser drilling, glass engraving, scientific research and many other applications.



### Specifications

<b>Model Number</b>	<b>FLK532-XZPM-R</b>	
Wavelength (nm)	532±1	
Operating mode	Pulsed	
Output power (mW)	~100 ( <b>X=100</b> )	~300 ( <b>X=300</b> ), ~500 ( <b>X=500</b> ), ~1000 ( <b>X=1W</b> )
Pulse width (ps)	One fixed value between 100~900ps ( <b>P=specify value</b> )	
Power stability (rms, over 4 hours)	<3% ( <b>Z=E</b> )	
Repetition frequency (MHz)	One fixed value between 0.1~20MHz ( <b>M=specify value</b> )	One fixed value between 0.1~1MHz ( <b>M=specify value</b> )
M <sup>2</sup> factor	<1.5	<2
Polarization ratio	>15dB	
Beam height from base plate (mm)	30	
Delivery cable length (m)	Variable	
Warm-up time (minutes)	<15	
Operating temperature (°C)	15-35	
Second Harmonic	Dimensions	220(L) x100(W) x53(H) mm <sup>3</sup>
	Weight	1.1 kg
FLK1064 Series Laser	Input voltage	12V DC
	Dimensions	344(L) x200(W) x100(H) mm <sup>3</sup>
	Weight	6.5 kg
RS232 Interface Option	No ( <b>R=blank</b> ), Yes ( <b>R=R</b> )	
Expected lifetime (hours)	10,000	
Warranty	10 months	
FDA Compliance	FDA CDRH Title 21 CFR 1040.10/11 Class IV	

#### Remarks:

- The fiber lasers are designated solely as OEM components for incorporation into the customer's end products. It is the customer's responsibility to comply with FDA requirements of FDA 21CFR, section 1040.10 and 1040.11 for complete laser products. For the code of FDA regulations, please refer to [FDA Performance Standards for Light-Emitting Products](#) for detailed information.
- Specifications are subject to change without notice.

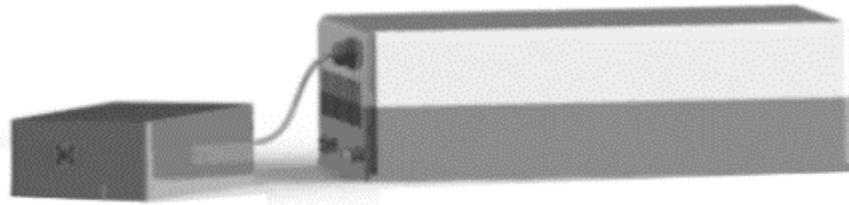


**Outline Dimensions (unit: mm)**

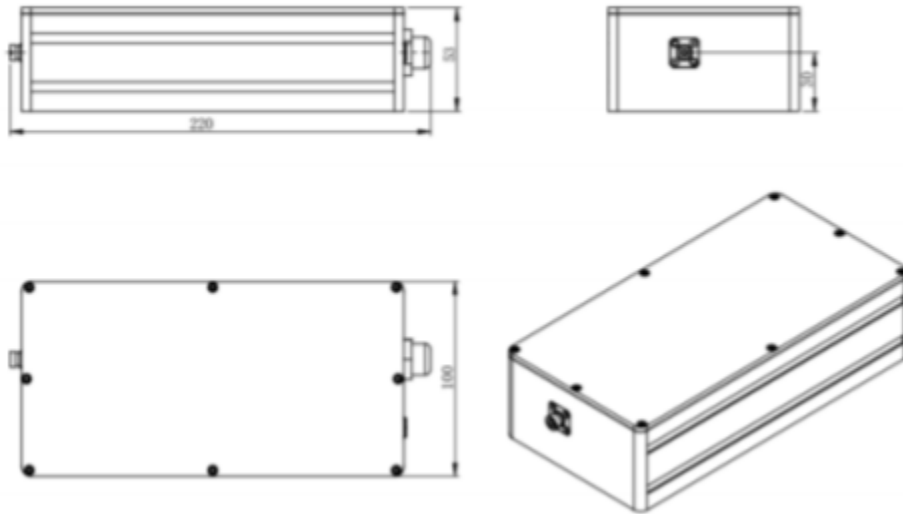
**FLK532 Series 532nm Laser**

Second Harmonic

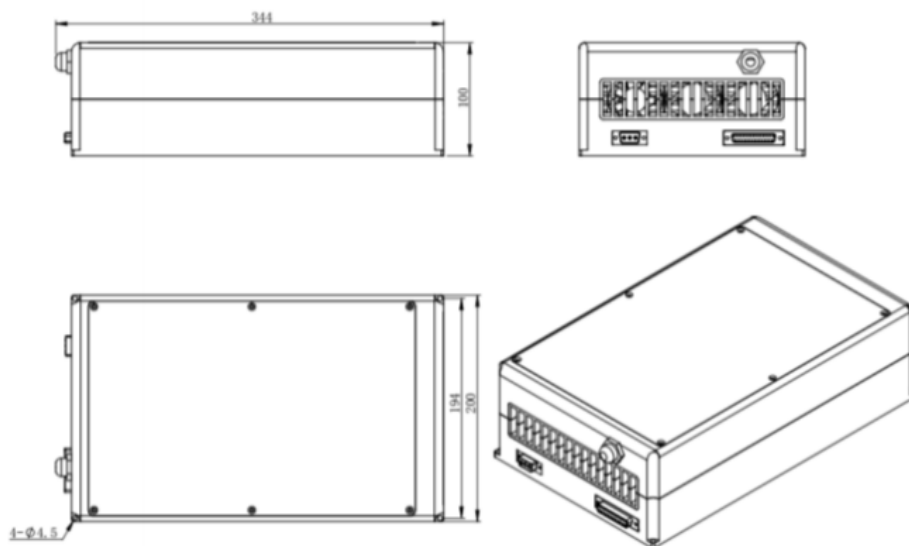
FLK1064 Series 1064nm Laser



**Forth Harmonic**



**FLK1064 Series 1064nm Laser**



Note: The above specifications are subject to change without notice.