



FLK1064 Series 1064nm Picosecond Pulsed Fiber Laser

Overview

The FLK1064 series picosecond all fiber pulsed laser is ideal for applications that require a wavelength of 1064nm and output power levels up to 5000mW. 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 laser radar, precision marking, precision drilling, life science, precision etching, microelectronics, scientific research and many other applications.



Specifications

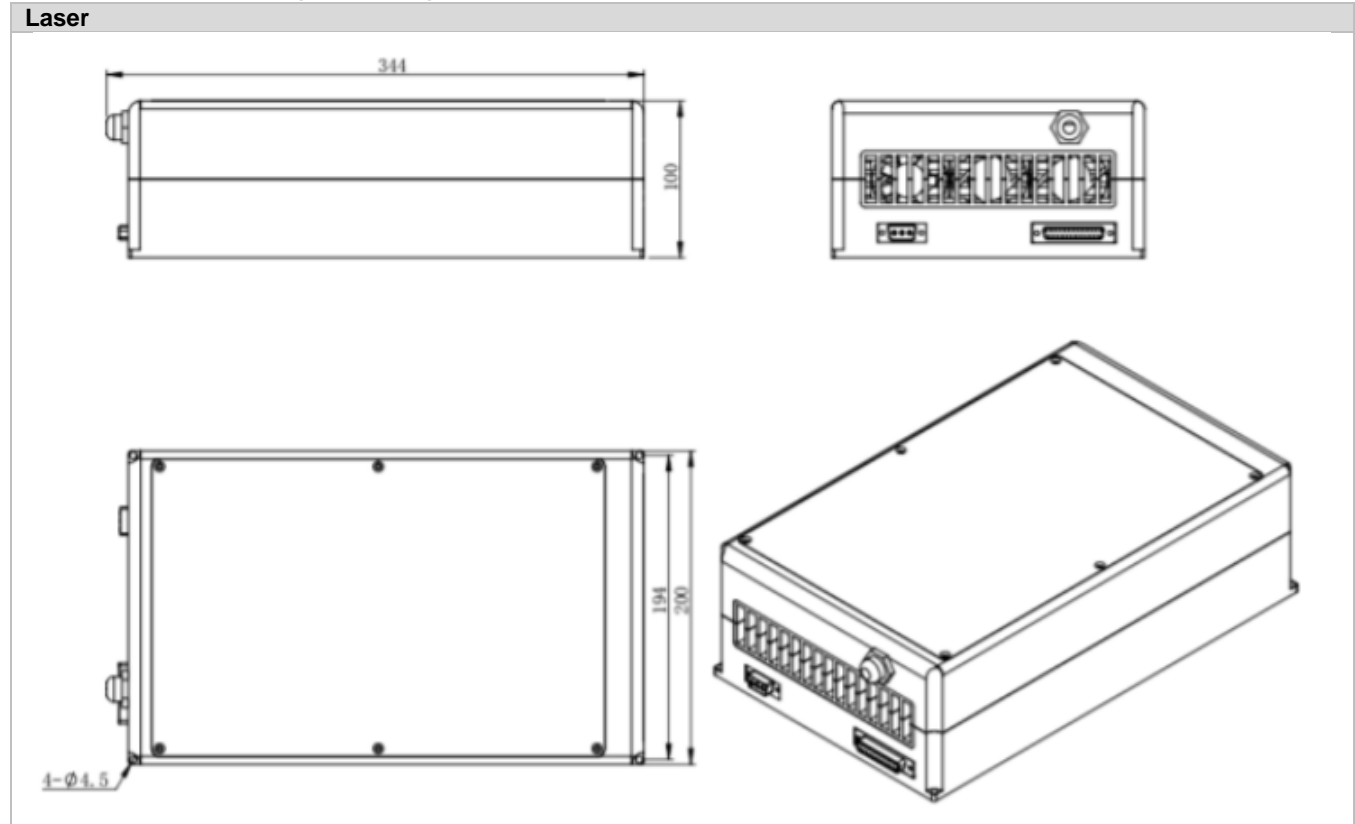
Model Number	FLK1064-XZPM-R	
Wavelength (nm)	1064±1	
Operating mode	Pulsed	
Output power (mW)	~500 (X=500), ~1000 (X=1W), ~2000 (X=2W), ~3000 (X=3W), ~4000 (X=4W), ~5000 (X=5W)	
Pulse width (ps)	One fixed value between 100~900ps (P=specify value)	
Power stability (rms, over 4 hours)	<3% (Z=E), <2% (Z=2)	
Repetition frequency (MHz)	One fixed value between 0.1~20MHz (M=specify value)	
M ² factor	<1.8	
Polarization ratio	Random / >15dB	
Delivery cable length (m)	Variable	
Warm-up time (minutes)	<15	
Operating temperature (°C)	15-35	
Laser	Input voltage	24V DC
	Dimensions	344(L) x200(W) x100(H) mm ³
	Weight	6.5 kg
RS232 Interface Option	No (R=blank), Yes (R=R)	
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.



Outline Dimensions (unit: mm)



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