

# 1064nm High Peak Power Fiber Laser

## Product Description:

This product is a 1064nm nanosecond pulse fiber laser developed by Jiangsu LumiSpot Technology Co., Ltd. It features high peak power, flexible adjustable repetition rate, and low power consumption, making it highly suitable for applications in the field of Time-of-Flight (TOF) LIDAR detection



## Technical Data

Parameters	Unit	Min.	Typical	Max.	Clarification
Working Mode			Pulse		
Polarization state			Random		
Working Wavelength	nm	1060	1064	1068	
Pulsed Width	ns	5	10	20	
Pulsed Width	nm		0.5		3dB
Beam Quality				1.3	M <sup>2</sup>
Output Mode			jumper or collimato		
Output Fiber NA			0.08/0.22		
Average Power	W		3		
Main Peak Power	kW		8	12	
Repetition Frequency	kHz	5	50	2000	
Power Stability	%			5	RMS@25°C
Electrical					
Tigger Type			External		
Trigger Mode			TTL		
Working Voltage	V	24	28	32	
Working Consumption	W			30	
Pulse Jitter	ps			200	
Interface Type			J29A-15ZKW		
Other					
Mechanical Dimension	mm		160*160*30		
Weight	g			300	
Output Fiber Length	mm	10		500	Customizable
Working Temperature	°C	-40		65	
Storage Temperature	°C	-40		85	
Cooling Method		contact conduction heat dissipation.			