



**FL-1070-Pico/10~5000mW**

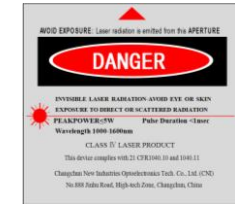
**PICOSECOND ALL FIBER PULSED LASER**

Picosecond all fiber pulsed laser at 1070nm 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 laser radar, precision marking, precision drilling, life science, precision etching, microelectronics, scientific research, etc.

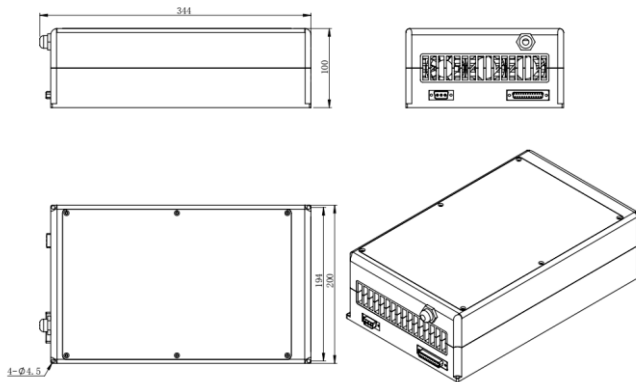


**SPECIFICATIONS**

Wavelength (nm)	1070±1		
Operating mode	Pulsed		
Output power (mW)	10~100	100~2000	2000~5000
Power stability (rms, over 4 hours)	<2%, <3%		
Pulse width (ps) <sup>(1)</sup>	One fixed value between 100~900ps		
M <sup>2</sup> factor	<1.2	<1.8	
Repetition frequency (MHz) <sup>(2)</sup>	One fixed value between 0.1-20MHz		
Polarization ratio	Random / > 15dB		
Warm-up time (minutes)	<15		
Delivery cable length (m)	variable		
Operating temperature (°C)	15~35		
Power supply	24V DC		
Expected lifetime (hours)	10000		
Warranty	1 year		
Options	(1) Pulse width 100~900ps variable (2) Repetition rate 0.1-20MHz variable RS 232 interface Higher output power can be customized		



**FL-1070-Pico**



344(L)×200(W) ×100(H) mm<sup>3</sup> 6.5kg





**FL-1070-Nano/0.5W~10W**

**HIGH FREQUENCY ALL FIBER  
PULSED LASER**

High frequency all fiber pulsed laser at 1070nm is made features of high output power stability, good beam profile, ultra compact, long lifetime, low cost and easy operating, which is widely used in laser radar, life science, material processing, microelectronics, scientific research, etc.



**SPECIFICATIONS**

Wavelength (nm)	1070±1	
Operating mode	Pulsed	
Output power (W)	0.5-10(variable, but not suitable for OEM type)	
Power stability (rms, over 4 hours)	<2%, <3%	
Pulse width(ns)	0.5-5(variable, but not suitable for OEM type)	5-250(variable, but not suitable for OEM type)
M <sup>2</sup> factor	<1.8	
Repetition frequency(KHz)	100-1000(variable, but not suitable for OEM type)	
Polarization ratio	Random / > 15dB	
Warm-up time (minutes)	<15	
Delivery cable length(m)	variable	
Operating temperature (°C)	15~35	
Power supply	220V AC / 12V DC	
Expected lifetime (hours)	10000	
Warranty	1 year	



FL-1070-Nano-LAB(220V AC)	FL-1070-Nano-IND(220V AC)	FL-1070-Nano-OEM(12V DC)
<p style="text-align: center;">281(L)×309(W)×152.5(H) mm<sup>3</sup>, 5.5kg</p>	<p style="text-align: center;">220(L)×150(W)×75(H) mm<sup>3</sup>, 7.0kg</p>	<p style="text-align: center;">220(L)×150(W)×75(H) mm<sup>3</sup>, 2.5kg</p>