



FL-532-PS/1~150mW

SPECIFICATIONS

PICOSECOND ALL FIBER PULSED LASER

Picosecond all fiber pulsed laser at 532nm with SESAM technique 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 TCSPC, picosecond processing, laser drilling, glass engraving, scientific research, etc.



Wavelength (nm)	532±1	
Operating mode	Passive mode-locked	
Output power (mW)	50	150
Power stability (rms, over 4 hours)	<2%, <3%	
Pulse width (ps)	<10	
M ² factor	<1.5	
Repetition frequency (MHz)	One fixed value between (20-80) ±1 MHz	
Polarization ratio	> 15dB	
Warm-up time (minutes)	<15	
Beam height from base plate (mm)	30	
Delivery cable length (m)	variable	
Operating temperature (°C)	15~35	
Power supply	5V DC	
Expected lifetime (hours)	10000	
Warranty	1 year	



FL-1064-PS	Second harmonic	FL-532-PS
<p style="text-align: center;">344(L)×200(W)×100(H) mm³ 6.5kg</p>	<p style="text-align: center;">220(L)×100(W)×53(H) mm³ 1.1kg</p>	<p style="text-align: center;">Second harmonic FL-1064-PS</p>



FL-532-Pico/1mW~1000mW

PICOSECOND ALL FIBER PULSED LASER

Picosecond all fiber pulsed laser at 532nm 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 TCSPC, picosecond processing, laser drilling, glass engraving, scientific research, etc.



SPECIFICATIONS

Wavelength (nm)	532±1	
Operating mode	Pulsed	
Output power (mW)	1~100	100~1000
Power stability (rms, over 4 hours)	<2%, <3%, <5%	
Pulse width (ps) ⁽¹⁾	One fixed value between 100~900 ps	
M ² factor	<1.5	<2
Repetition frequency (MHz) ⁽²⁾	One fixed value between 0.1~20MHz	One fixed value between 0.1~1MHz
Polarization ratio	> 15dB	
Warm-up time (minutes)	<15	
Beam height from base plate (mm)	30	
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 or 0.1~1MHz variable RS 232 interface Higher output power can be customized	



FL-1064-Pico	Second harmonic	FL-532-Pico
<p style="text-align: center;">344(L)×200(W)×100(H) mm³ 6.5kg</p>	<p style="text-align: center;">220(L)×100(W)×53(H) mm³ 1.1kg</p>	<p style="text-align: center;"> Second harmonic FL-1064-Pico </p>



FL-532-Nano/1~1000mW

**HIGH FREQUENCY ALL FIBER
PULSED LASER**

High frequency all fiber pulsed laser at 532nm 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 drilling, glass engraving, scientific research, etc.



SPECIFICATIONS

Wavelength (nm)	532±1			
Operating mode	Pulsed			
Output power (mW)	10	100	500	1000
Power stability (rms, over 4 hours)	<2%, <3%			
Pulse width(ns) ⁽¹⁾	One fixed value between 0.5-50ns			
M ² factor	<1.8			
Repetition frequency (MHz) ⁽²⁾	One fixed value between 0.1-1MHz			
Polarization ratio	> 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			
Options	(1) Pulse width 0.5~5ns or 5~50ns variable (2) Repetition rate 0.1~1MHz variable RS 232 interface Higher output power can be customized			



FL-1064-Nano	Second harmonic	FL-532-Nano
<p style="text-align: center;">344(L)×200(W) ×100(H) mm³ 6.5kg</p>	<p style="text-align: center;">220(L)×100(W) ×53(H) mm³ 1.1kg</p>	<p style="text-align: center;">Second harmonic FL-1064-Nano</p>