



FL-343-PS/1~50mW

MODE-LOCKED ALL FIBER
PULSED LASER

Mode-locked all fiber pulsed laser at 343nm 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 scientific research, laser processing, and so on.



SPECIFICATIONS

Wavelength (nm)	343±1
Operating mode	Passive mode-locked
Output power (mW)	50
Power stability (rms, over 4 hours)	<3%, <5%
Pulse width (ps)	<10
M ² factor	<2
Repetition frequency(MHz)	One fixed value between (20-50) ±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	12V DC
Expected lifetime (hours)	10000
Warranty	1 year



FL-1030-PS	Third harmonic	FL-343-PS
<p>344(L)×200(W) ×100(H) mm³ 6.5kg</p>	<p>364(L)×125(W) ×67(H) mm³ 1.1kg</p>	<p>Third harmonic FL-1030-PS</p>



FL-343-Pico/1~50mW

PICOSECOND ALL FIBER PULSED LASER

Picosecond all fiber pulsed laser at 343nm 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 scientific research, laser processing, and so on.



SPECIFICATIONS

Wavelength (nm)	343±1		
Operating mode	Pulsed		
Output power (mW)	10@5MHz	30@5MHz	50@5MHz
Power stability (rms, over 4 hours)	<3%, <5%		
Pulse width (ps) ⁽¹⁾	One fixed value between 100~900ps		
M ² factor	<2		
Repetition frequency (MHz) ⁽²⁾	One fixed value between 0.1~20MHz		
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	220V AC / 12V 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-1030-Pico	Third harmonic	FL-343-Pico
<p>344(L)×200(W)×100(H) mm³ 6.5kg</p>	<p>364(L)×125(W)×67(H) mm³ 1.1kg</p>	<p>Third harmonic FL-1030-Pico</p>



FL-343-Nano/10~300mW

**HIGH FREQUENCY ALL FIBER
PULSED LASER**

High frequency all fiber pulsed laser at 343nm 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 scientific research, laser processing, and so on.



SPECIFICATIONS

Wavelength (nm)	343±1		
Operating mode	Pulsed		
Output power (mW)	100	200	300
Power stability (rms, over 4 hours)	<3%, <5%		
Pulse width (ns) ⁽¹⁾	One fixed value between 0.5-50ns		
M ² factor	<2		
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-1030-Nano	Third harmonic	FL-343-Nano
<p style="text-align: center;">344(L)×200(W)×100(H) mm³ 6.5 kg</p>	<p style="text-align: center;">364(L)×125(W)×67(H) mm³ 1.1 kg</p>	<p style="text-align: center;">Third harmonic FL-1030-Nano</p>