



FL-515-PS/1~200mW

**MODE-LOCKED ALL FIBER
PULSED LASER**

Mode-locked all fiber pulsed laser at 515nm 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, scientific research, etc.



SPECIFICATIONS

Wavelength (nm)	515±1	
Operating mode	Passive mode-locked	
Output power (mW)	100	200
Power stability (rms, over 4 hours)	<2%, <3%	
Pulse width (ps)	<10	
M ² factor	<1.5	
Repetition frequency (MHz)	One fixed value between (20-50) ±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	Second harmonic	FL-515-PS
<p>344(L)×200(W)×100(H) mm³ 3kg</p>	<p>220(L)×100(W)×53(H) mm³ 1kg</p>	<p>Second harmonic → FL-1030-PS</p>