



**FL-1030-PS-Seed/0.5-1mW**

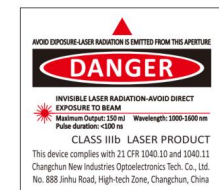
### MODE-LOCKED ALL FIBER PULSED LASER

Mode-locked all fiber pulsed laser at 1030nm 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 laser radar, life science, microelectronics, scientific research, etc.



**SPECIFICATIONS**

Wavelength (nm)	1030±1
Operating mode	Passively
Output power (mW)	0.5-1
Power stability (rms, over 4 hours)	<3%, <2%, <1%
Pulse duration (ps)	<10
M <sup>2</sup>	<1.2
Rep. rate <sup>1</sup>	20-50MHz
Fiber connector <sup>2</sup>	FC/APC
Fiber length (m) <sup>3</sup>	1
Fiber jacket	PVC, Metal optional
Polarization ratio (dB)	Random / > 15
Warm-up time (minutes)	<15
Operating temperature (°C)	15-35
Operating voltage (VDC)	12V/11.5A
Expected lifetime (hours)	>10000



<p><b>LASER HEAD (Driver integrated)</b></p> <p style="text-align: center;"><b>250(L)×150(W)×60(H) mm<sup>3</sup> 1kg</b></p>	<p><b>POWER SUPPLY (100-240VAC) optional</b></p> <p style="text-align: center;"><b>350(L)×185(W)×60(H) mm<sup>3</sup>, 0.7kg</b></p>
---	--

1 One fixed value between 20-50, frequency accuracy ±1 MHz.

2 Other output mode can be customized.

3 Other lengths are available on request.