



**FL-1030-PS/1-2W**

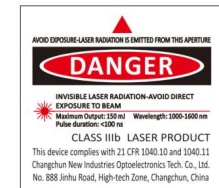
### MODE-LOCKED ALL FIBER PULSED LASER

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, precision marking, precision drilling, life science, precision etching, microelectronics, scientific research, etc.



**SPECIFICATIONS**

Wavelength (nm)	1030±1	
Operating mode	Passively	
Average power (mW)	1-100mW	100mW-2W
Power stability (rms, 4 hours ±3°C)	<3%, <2%, <1%	<3%, <1%, <0.5%
Pulse duration (ps)	<10	
M <sup>2</sup>	<1.2	<1.5
Rep. rate <sup>1</sup>	20-50MHz	
Fiber connector <sup>2</sup>	FC/APC, Collimator optional	
Fiber length (m) <sup>3</sup>	1	
Fiber jacket	PVC, Metal optional	
Polarization ratio (dB)	Random / > 15	
Warm-up time (minutes)	<15	
Cooled method	Air cooled	
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;">286(L)×190(W) ×95(H) mm<sup>3</sup>, 3.5kg</p>	<p><b>POWER SUPPLY (100-240VAC) optional</b></p> <p style="text-align: center;">350(L)×185(W) ×60(H) mm<sup>3</sup>, 0.7kg</p>
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- 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.