



**FL-1030-Pico/10mW-5W**

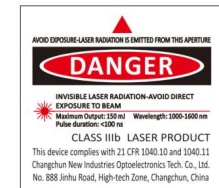
**PICOSECOND ALL FIBER PULSED LASER**

Picosecond all fiber pulsed laser at 1030nm 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	Pulsed	
Average power (mW) <sup>1</sup>	10-100mW	100mW-5W
Power stability (rms, 4 hours ±3°C)	<3%, <2%	
Pulse duration (ps) <sup>2</sup>	100-900	
Rep. rate <sup>3</sup>	100kHz-20MHz	
M <sup>2</sup>	<1.2	<1.8
Fiber connector <sup>4</sup>	FC/APC, Collimator optional	
Fiber length (m) <sup>5</sup>	1	
Fiber jacket	PVC, Metal optional	
Beam diameter (mm) <sup>6</sup>	4±1 (Collimator output)	
Polarization ratio (dB)	Random / >15	
Warm-up time (minutes)	<15	
Cooled method	Air cooled	
Operating temperature (°C)	15-35	
Operating voltage (VDC/VAC)	12V/11.5A	
Expected lifetime (hours)	>10000	



LASER HEAD (Driver integrated)		POWER SUPPLY (100-240VAC) optional
FL-1030-Pico-I <sup>7</sup>	FL-1030-Pico-II <sup>8</sup>	
<p>280(L)×224(W)×95(H) mm<sup>3</sup>, 3.5kg</p>	<p>324(L)×282(W)×109.5(H) mm<sup>3</sup>, 8.5 kg</p>	<p>350(L)×185(W)×60(H) mm<sup>3</sup>, 0.7kg</p>

- 1 Output power adjustable 10-100%. 2 One fixed value between 100-900ps; 100-900ps variable can be customized.  
 3 One fixed value between 0.1-20MHz. Repetition rate variable or other frequency can be customized. 4 Other output mode can be customized.  
 5 Other lengths are available on request. 6 Other beam diameter can be customized. 7 Peak power<5kW. 8 Peak power>5kW.