



FL-1030-S/1uW-500mW

ALL FIBER PULSED LASER

High frequency all fiber pulsed laser at 1030nm is made features of high peak power stability, good beam profile, ultra compact, long lifetime, low cost and easy operating, which is widely used in laser radar, life science, microelectronics, scientific research, optical simulation, etc.



SPECIFICATIONS

Wavelength (nm)	1030±1
Operating mode	Pulsed
Peak power (mW)	1uW-500mW
Power stability (rms, 4 hours ±3°C)	<3%, <2%, <1%
Pulse duration (ns)	5-100 (adjustable)
M ²	<1.2
Rep. rate	1Hz-100KHz, 1Hz-10MHz (adjustable)
Fiber connector ¹	FC/APC, Collimator optional
Fiber length (m) ²	1
Fiber Jacket	PVC, Metal optional
Beam diameter (mm) ³	4±1 (Collimator output)
Polarization ratio (dB)	Random / >15
Warm-up time (minutes)	<5
Cooled method	Conduction
Operating temperature (°C)	15-35
Operating voltage (VDC)	12V/11.5A
Expected lifetime (hours)	>10000



LASER HEAD (Driver integrated) (FL-1030-S-I) ⁴	LASER HEAD (Driver integrated) (FL-1030-S-II) ⁵	POWER SUPPLY (100-240VAC) optional
 191(L)×130(W)×25(H) mm ³ , 1kg	 196(L)×131(W)×48(H) mm ³ , 1.5kg	 350(L)×185(W)×60(H) mm ³ , 0.7kg

1 Other output mode can be customized. 2 Other lengths are available on request. 3 Other beam diameter can be customized.

4 Peak power is 200-500mW. 5 Peak power is 1uW-500mW.