



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.

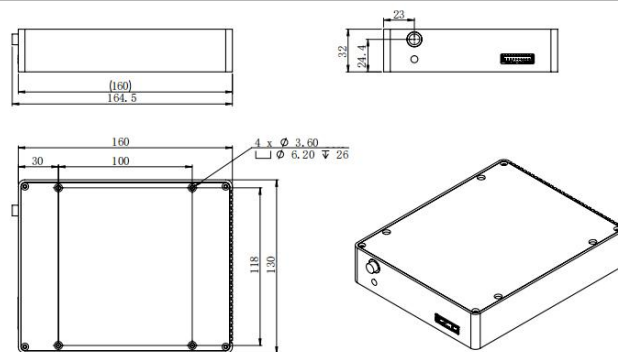


SPECIFICATIONS

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 ²	<1.2
Rep. rate ¹	20-50MHz
Fiber connector ²	FC/APC
Fiber length (m) ³	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

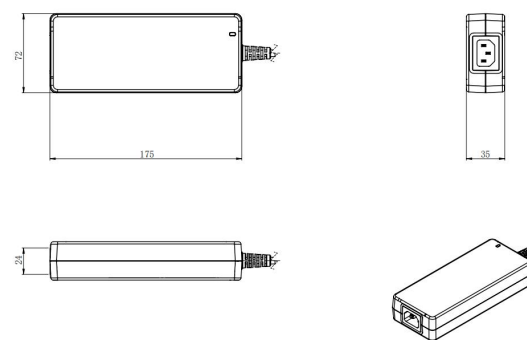


LASER HEAD (Driver integrated)



250(L)×150(W)×60(H) mm³ 1kg

POWER SUPPLY (100-240VAC) optional



350(L)×185(W)×60(H) mm³, 0.7kg

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.