

FL-515-PS/1-200mW

SPECIFICATIONS

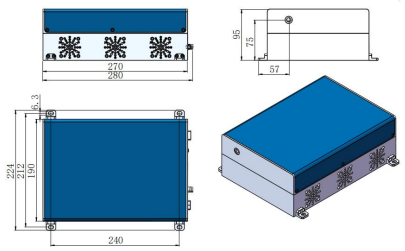
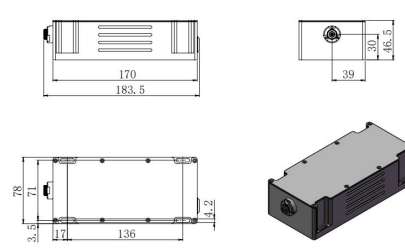
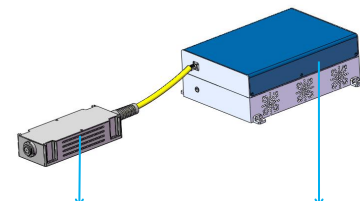
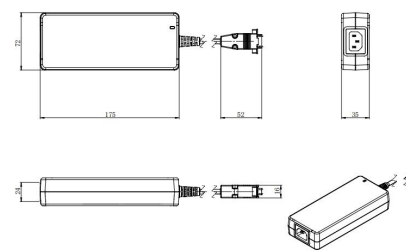
MODE-LOCKED ALL FIBER PULSED LASER

Mode-locked all fiber pulsed laser at 515nm 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 TCSPC, picosecond processing, scientific research, etc.



Wavelength (nm)	515±1
Operating mode	Passively
Output power (mW)	1-200
Power stability (rms, over 4 hours)	<3%, <2%
Pulse duration (ps)	<10
M ²	<1.5
Rep. rate	20-50MHz
Polarization ratio (dB)	>15 Horizontal (Vertical optional)
Warm-up time (minutes)	<15
Beam height from base plate (mm)	30
Delivery fiber length (cm)	60
Cooled method	Air cooled
Operating temperature (°C)	15-35
Operating voltage (VDC)	12V/11.5A
Expected lifetime (hours)	>10000



LASER HEAD (Driver integrated)			POWER SUPPLY (100-240VAC) optional
Fundamental Frequency	Second harmonic		
 280(L)×224(W) ×95(H) mm³, 3.5kg	 183.5(L)×78(W) ×46.5(H) mm³, 1kg	 Second harmonic FL-1030-PS	 350(L)×185(W) ×60(H) mm³, 0.7kg

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