

FL-SC-OEM/1-1000mW

ALL FIBER SUPERCONTINUUM SOURCE LASER

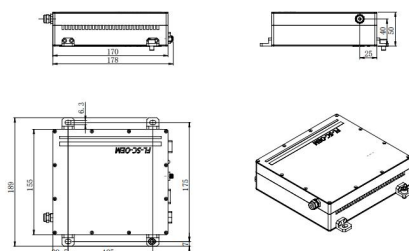
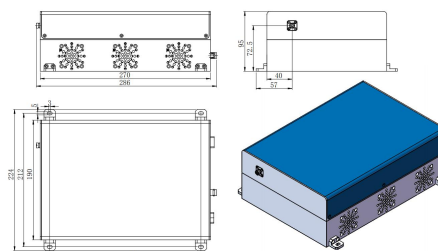
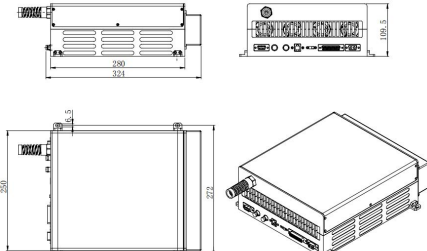
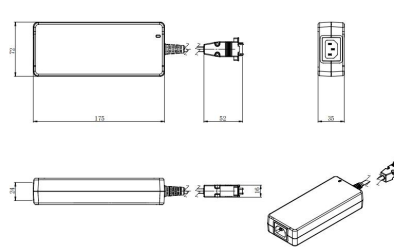
Supercontinuum laser can cover the spectral output range from 470nm to 2400nm. It has the advantages of high stability, good beam quality, narrow pulse width and compact structure, which can be widely used in fiber component characterization, fiber sensing, broadband spectroscopy, fluorescence spectroscopy, scientific research, etc.



SPECIFICATIONS

	FL-SC-OEM-Mini/FL-SC-OEM-I			FL-SC-OEM-II
Wavelength (nm)	470nm-2400nm			
Operating mode	Pulsed			
Average power (mW)	1-200	200-350	350-500	500-1000
Power stability (rms, 4 hours $\pm 3^{\circ}\text{C}$)	<2%, <1%			
Pulse duration	~350ps		1ns, 3ns, 5ns, 10ns	1.5ns
M ²	<1.1			
Rep. rate ¹	2MHz	4MHz	50kHz-200kHz, 1MHz	1MHz
Fiber connector	FC/APC			
Fiber length (m) ²	1			
Fiber jacket	PVC			
Polarization ratio	Random			
Warm-up time (minutes)	<15			
Cooled method	Air cooled			
Operating temperature ($^{\circ}\text{C}$)	15-35			
Operating voltage (VDC)	12V/11.5A			
Expected lifetime (hours)	>10000			



LASER HEAD (Driver integrated)			POWER SUPPLY (100-240VAC) optional
FL-SC-OEM-Mini ³	FL-SC-OEM-I	FL-SC-OEM-II	
 178(L)×189(W)×50(H) mm³, 1.7kg	 286(L)×190(W)×95(H) mm³, 4kg	 324(L)×282(W)×109.5(H) mm³, 8.5 kg	 350(L)×185(W)×60(H) mm³, 0.7kg

1 One fixed value between 50kHz-200kHz, 1MHz. 2 Other lengths are available on request. 3 Customers are required to provide heat dissipation.

Website: www.precisometer.com E-mail: info@precisometer.com