



FL-SC-OEM/1-500mW

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

Wavelength (nm)	470nm-2400nm		
Operating mode	Pulsed		
Average power (mW)	1-200	200-350	350-500
Power stability (rms, 4 hours ±3°C)	<2%, <1%		
Pulse duration	~350ps	1ns, 3ns, 5ns, 10ns	
M ²	<1.1		
Rep. rate ¹	2MHz	4MHz	50kHz-200kHz, 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 (°C)	15-35		
Operating voltage (VDC)	12V/11.5A		
Expected lifetime (hours)	>10000		



LASER HEAD (Driver integrated)		
FL-SC-OEM-Mini ³	FL-SC-OEM	POWER SUPPLY (100-240VAC) optional
<p>178(L)×189(W)×50(H) mm³, 1.7kg</p>	<p>286(L)×190(W)×95(H) mm³, 4kg</p>	<p>350(L)×185(W)×60(H) mm³, 0.7kg</p>

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