

Mode locked Supercontinuum Source SC-Pro

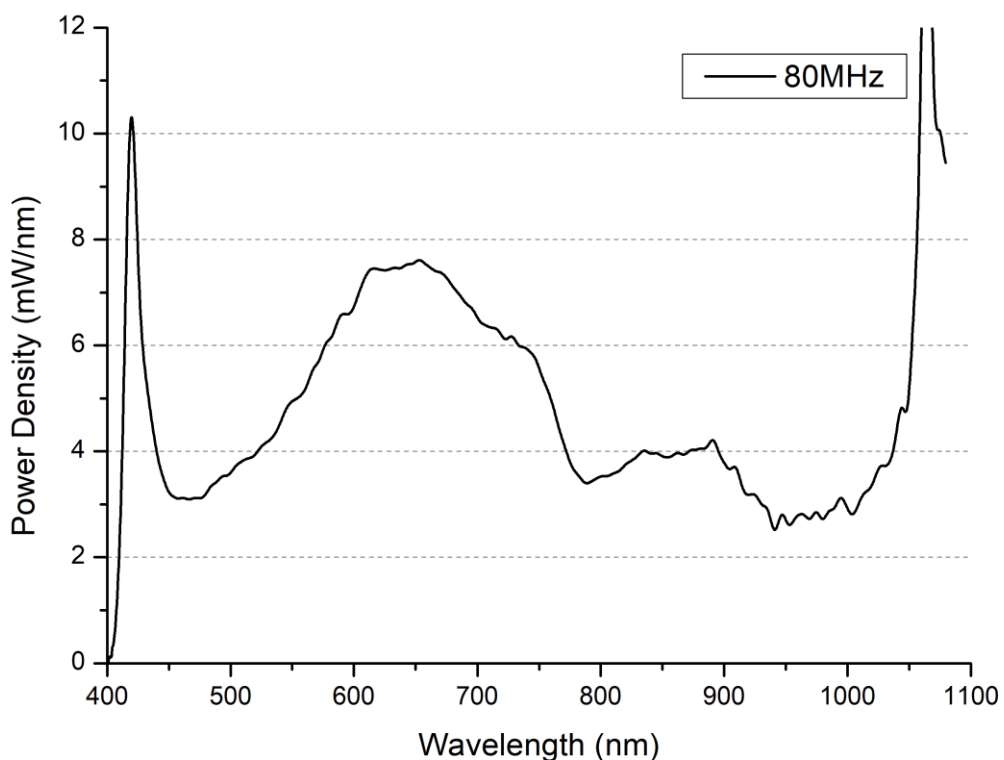
YSL Photonics ' SC-Pro-M is the latest supercontinuum source with a seed source pulse duration of 6ps. It delivers a wide spectral output ranging from 410nm to 2400nm with over 7W total power. The optional 10kHz to 40MHz repetition rate capability also makes it an ideal source for the applications such as low noise OCT, fluorescence microscopy, nanophotonics and etc.

Features:

- Wavelength: 410nm-2400nm
- Total power: 7W
- Repetition Rate: 80MHz
- Seed source pulse duration: ~6ps
- Single-Mode Output

Applications:

- OCT
- Fluorescence Spectroscopy and Microscopy
- Nanophotonics
- Super-Resolution Imaging
- Photocurrent microscopy



Specifications:

Model	SC-Pro-M-80	SC-Pro-M-40	SC-Pro-M-20	SC-Pro-M-PP
Total Power	>7W	>3.5W	>1.5W	>3.5
Repetition Rate	80MHz	40MHz	20MHz	10kHz-40MHz
Visible Power	>2W	>1W	>0.5W	>1W@40MHz
Wavelength Range	410-2400nm			
Power Stability	<1%			
Fundamental Pulse Width	~6ps			
Beam Diameter and Quality	~2mm@633nm; $M^2 < 1.1$			
Beam Divergence (Half Angle)	<1mrad			
State of Polarization	Unpolarized			
Length of Output Fiber	1.5m			
Computer Interface	USB			
Sync(trigger) Output (SMA)	TTL Output 0-2.8V			
Power Requirements	100-240V 50/60Hz			
Dimensions (L*W*H) and Weight	360mm*260mm*125mm, <20kg			

