

Mode locked Supercontinuum Source

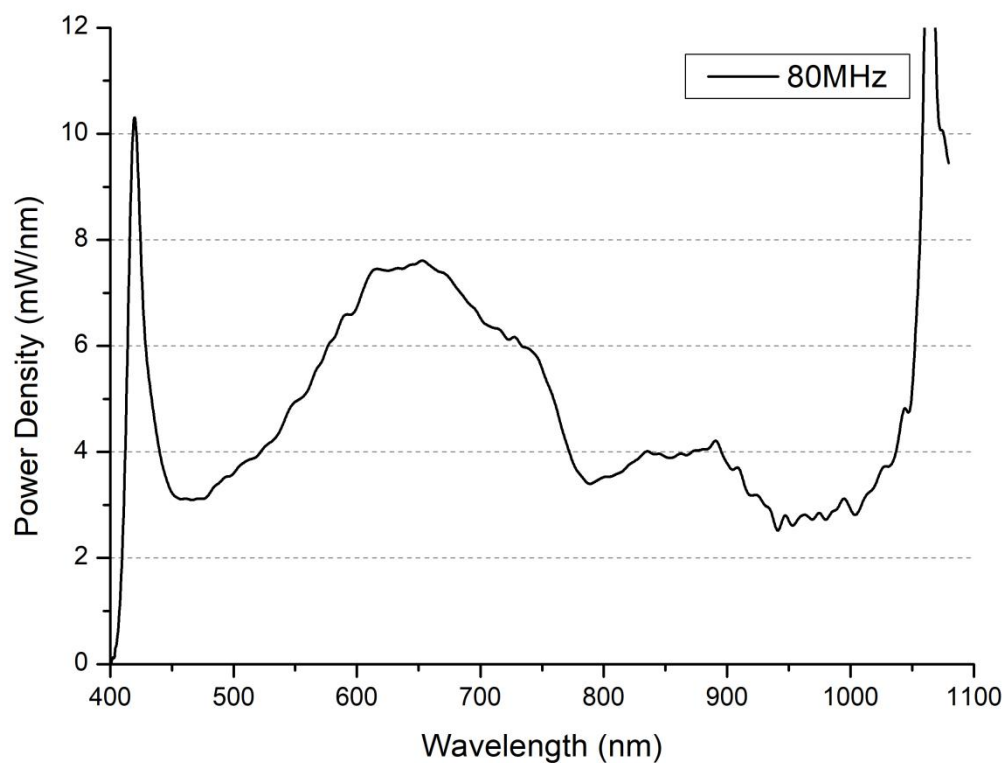
Laserse mode locked source is the latest supercontinuum source with a seed source pulse duration of 6ps. It delivers a wide spectral output ranging from 410nm to 2400nm with over 7W total power. The optional 10kHz to 40MHz repetition rate capability also makes it an ideal source for the applications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

Features:

- Wavelength: 410nm-2400nm
- Total power: 7W
- Repetition Rate: 80MHz

Applications:

- OCT
- Fluorescence Spectroscopy and Microscopy
- Nanophotonics



Specifications:

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			