

**“Instant-on” turn-key operation /
High stability / Reliability / Clean pulses**

Picosecond Fiber Laser

Overview

Sevensix’s picosecond fiber laser enables “instant-on” turn-key operation, which starts reliable and consistent mode-locking in less than 5 seconds.

Our unique fiber laser with all-polarization-maintaining fiber and SESAM free design guarantees reliable, reproducible, long-term stable, and low-noise operation.

Our product offers easy integration and maintenance-free operation, which is best suited as a seed laser for amplifier used in the laser processing and bioimaging applications.

Applications

- ◆ Amplifier seeding
- ◆ Bioimaging
- ◆ Ultrafast spectroscopy



Specifications

Parameters	Typ.	Unit	Notes
Center wavelength	1040	nm	1035 - 1045 custom
Spectral width	8	nm	3 - 10 nm
Pulse width	5	ps	2 - 10 ps
Output power	5	mW	4 - 10 mW
Repetition rate	15	MHz	6 - 18 MHz
Output port	FC/APC		
Size	200 x 150 x 50	mm ³	

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