

[OEPLS-FS-100]

## Pulsed Laser Sources (Femtoseconds)

### Features:

- All-fiber structure
- Self-starting
- TEM<sub>00</sub> beam profile
- Custom specifications

### Applications:

- Spectroscopy
- Biomedical
- Industrial
- Non-linear optics

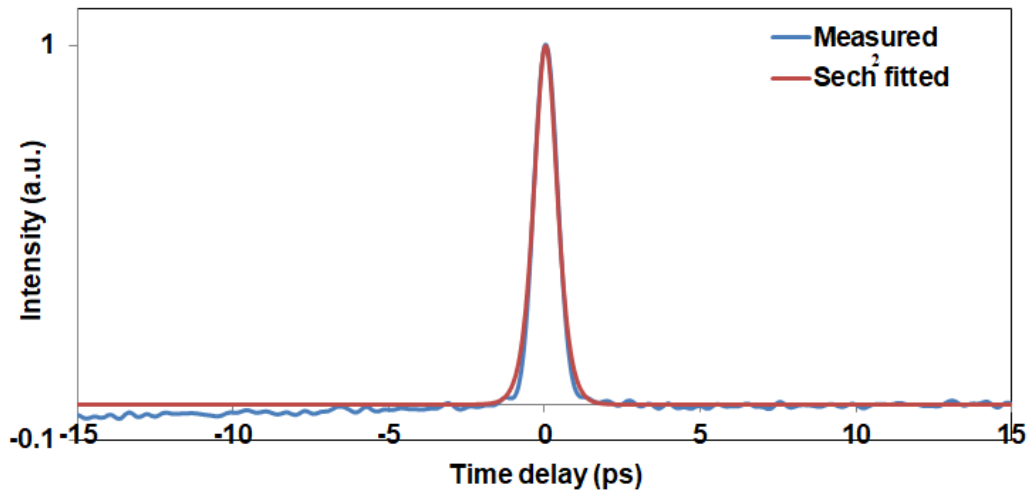


OEPLS-FS-100

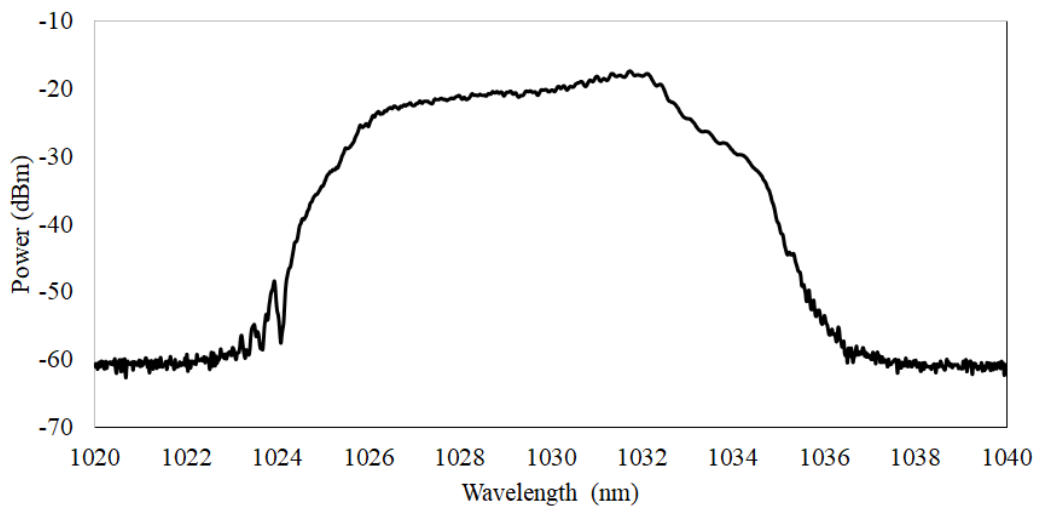
### Product description:

O/E Land provides the femtosecond laser sources with short pulse duration of about 50 to 200 fs in different regions of 1 to 2  $\mu\text{m}$  at full operational repetition rate of about 1KHz to 50 MHz. This all-fiber femtosecond laser source is compact and lightweight compared to the available convectional ultrashort-pulsed lasers in the market. This turn-key solution is targeting customers looking for pulsed laser with moderate to high output power.

Parameter	Unit	OEPLS-FS-100			
Operating Wavelength	nm	<b>1030</b>	<b>1064</b>	<b>1550</b>	<b>2000</b>
Pulse width	fs	~100	~100	50	200
Repetition rate	Hz	1k-50M	1k-50M	1k-100M	1M-50M
Average power	W	0.1-100	0.1-100	0.1-100	0.1-10
Output port	-	Collimator, PLMA fiber			
Operating temperature	°C	10-50			
Dimensions	mm	70 x 190 x 310			



OEPLS-FS-100-1550-0.03 pulse shape.



OEPLS-FS-100-1030-0.02 optical spectrum.

Ordering number:

<b>OEPLS-FS-100-WL-P</b>	WL	P
	Wavelength (nm)	Average power (W)
Example:	OEPLS-FS-100-1550-2	