

[OEPLS-FS-100]

Pulsed Laser Sources (Femtoseconds)

Features:

- All-fiber structure
- Self-starting
- TEM₀₀ beam profile
- Custom specifications

Applications:

- Spectroscopy
- Biomedical
- Industrial
- Non-linear optics

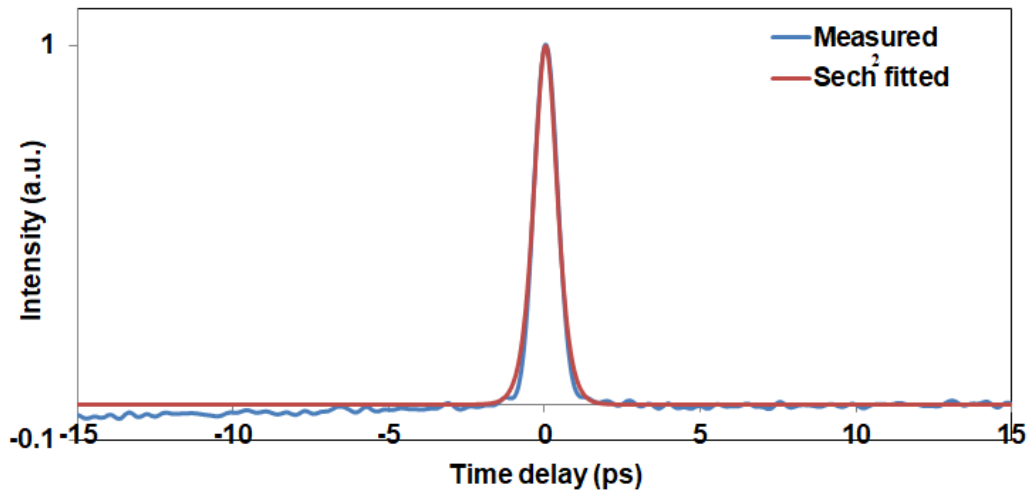


OEPLS-FS-100

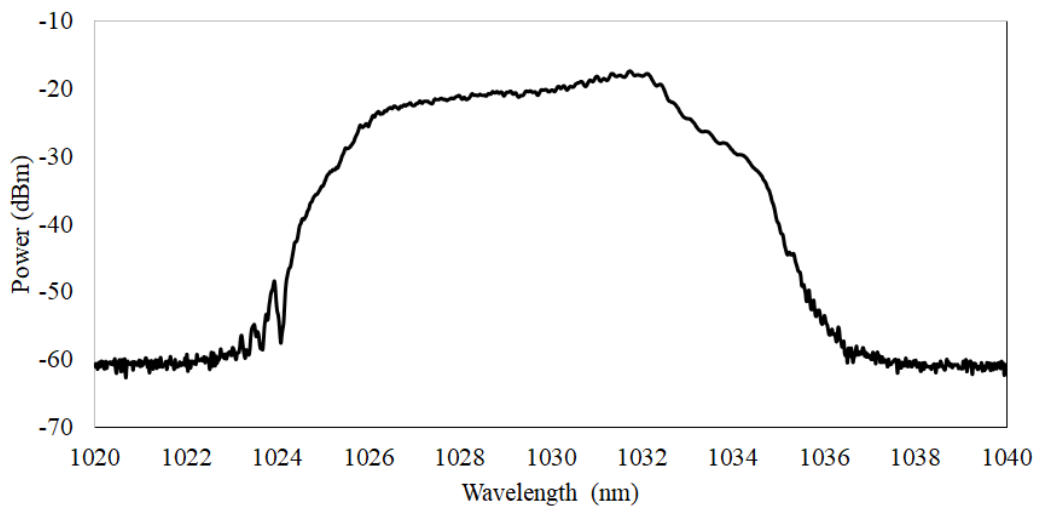
Product description:

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 μm 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	1030	1064	1550	2000
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:

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