

[OELAS-TLS-TPS]

## Pulsed Tunable Laser Sources

### Features:

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

### Applications:

- Spectroscopy
- Biomedical
- Industrial
- Non-linear optics



OELAS-TLS-TPS

### Product description:

Tunable pulsed fiber laser is a turn-key solution targeting customers looking for pulsed fiber laser with tunable center wavelength in 1550 nm range and moderate output power. It provides picosecond laser with pulse duration of about 5 -100 550 ps. The center wavelength of pulsed laser is controlled by a computer in a user-friendly interface through the USB port.

Parameter	Unit	1060	1550	2000
Operating Wavelength	nm	1045-1080	1520-1560	1940-2060
Pulse width	ps	5-100	5-100	5-100
Repetition rate	Hz	500k-50M	50k-100M	1M-50M
Average power	W	Up to 10	Up to 5	Up to 1
ASE suppression	dB	~40	~40	~40
Output port	-	Collimator, LMA fiber	Collimator, LMA fiber	Collimator, LMA fiber
Output fiber type	-	SM or PM	SM or PM	SM or PM
Operating temperature	°C	10-50		
Dimensions	mm	70 x 190 x 310		

### Ordering number:

OELAS-TLS-TPS-WL-P:	WL	P
	1060	Average power (W)
	1550	
	2000	
Example:	OELAS-TLS-TPS-1550-2	