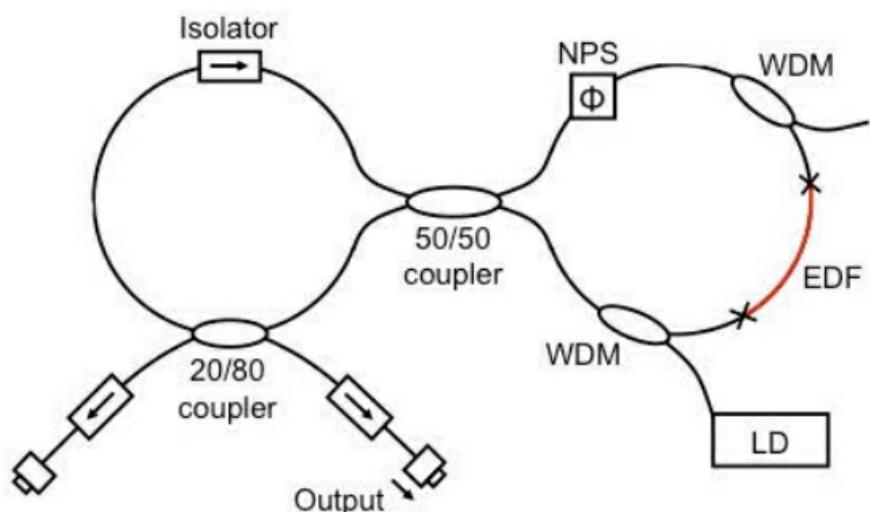


FL-MLEr-kit-PM

- Ultra-short pulse laser with US\$ 8,480
- Easy component of Femtosecond laser
- Optical components already selected
- High expandability due to kit format
- Fiber connection with polarization maintaining (PM) fiber
- Stable mode-locked oscillation



Component

- Optical components
- Laser Diode

* Nonlinear optical loop mirror is used as a mode-locking method.

Product name : PM mode-locked Er fiber laser kit
(wavelength 1.5 μm)

Model : FL-MLEr-kit-PM

Price : US\$ 8,480 (exc Tax)

Lead time : 1 week – 2 months

* LD power supply and optical breadboard are not included.

* Product (kit) divide is not available.

* Product sales is impossible to those who have no Polarization-maintaining fusion.

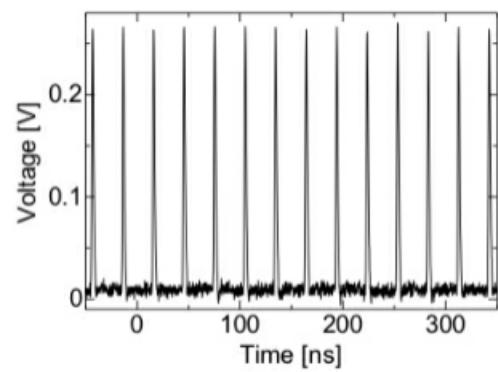
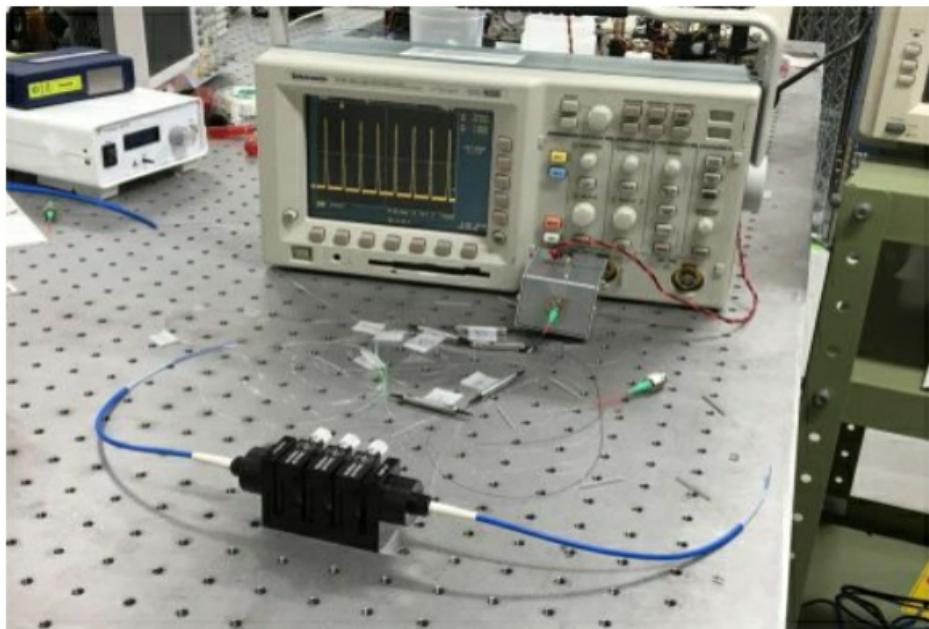
This product can compose Ultra short pulse laser with just US\$ 8,480. Optical components are preselected and they can be composed as Femtosecond laser easily. Since the kit-format is adopted, it has the high flexibility.

Component can be arranged depending on the academic research development. Fibers are connected by polarization maintaining (PM) fiber to realize the stable mode-locked oscillation.

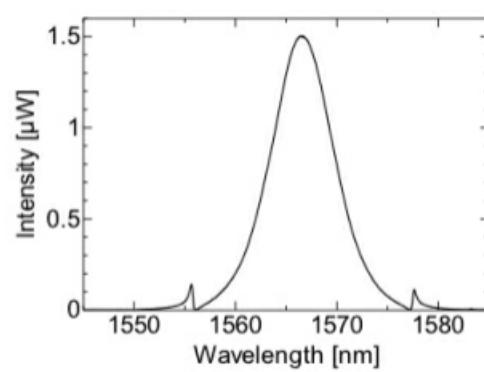
(Application)

- Optical communication
- Air pollution measurement
- Security
- Non-linear frequency conversion
- Distance measurement (Lidar, Range finder)

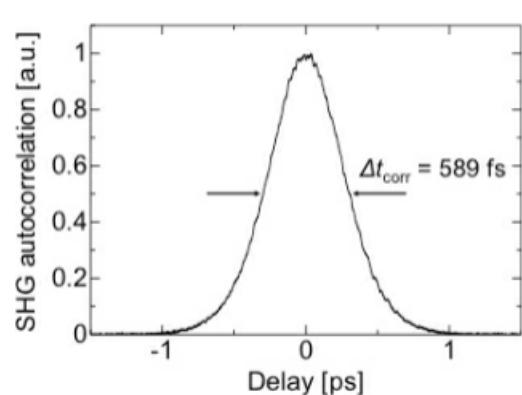
(Image)



(Oscilloscope)



(Op/cal spectrum)



(Autocorrelation waveform)

(Specification)

Items	Data
Central wavelength	1.5 μm
Power	1 mW (Typical)
Pulse width	380 fs (Typical)
Repetition frequency	34 MHz (Typical)
Polarization	Linearly polarized light
Power method	by fiber power?
Specification is changeable depending on the fiber length etc	

For more detailed information, <https://en.symphotony.com/products/ultrafast-laser-kit/fl-mler-kit-pm/>

Kokyo

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