

1064 nm DFB laser (with pico second variable pulse width)

VPW-DFB-LD-1064

- Pico-second DFB laser
- Pulse width variable (50 ps ~ 9 ns)
- Repetition frequency variable
(3 kHz ~ 250 MHz)
- PM single mode fiber output
- PC control and independent control available
- Compact



VPW-DFB-LD-1064 / image

This is DFB laser with short pulse width of 50 ps. Picosecond laser can be used for measuring fluorescence lifetime, measuring time resolution and for material processing as well as fiber quality evaluation. Both PC control and independent control are available and also it is easy to handle.

Composition

1064 nm DFB laser diode
(wavelength tunable and with
FC/APC connector)

Controller for current,
temperature and pulse width

Control software

Price and lead time

Price: USD 9,150

(Ex-works Japan and without Tax)

Lead time: Around 1 ~ 2.5 month
after order receipt

Application

Fluorescence lifetime measurement

Time resolved measurement

Laser material processing

Fiber quality evaluation

Seed light for Yb laser

Bio-imaging and Raman spectrum

Interference sensing and LIDAR

Specification

	Specification	Remark
Peak wavelength	1064 +/- 5 nm	
Pulse width	50 ps ~ 9 ns	With internal clock
Repetition frequency	3 kHz ~ 250 MHz	With internal clock
Peak power	> 30 mW (@50 ps)	
Drive temperature range	0 ~ 40 °C	
Input voltage	+ 5 V	With AC adapter
Size	95 (D) x 130 (D) x 70 (H) mm	
Weight	200 g	

For further product information,

<http://en.symphotony.com/1064nm-dfb-laser-with-pico-second-variable-pulse-width/>

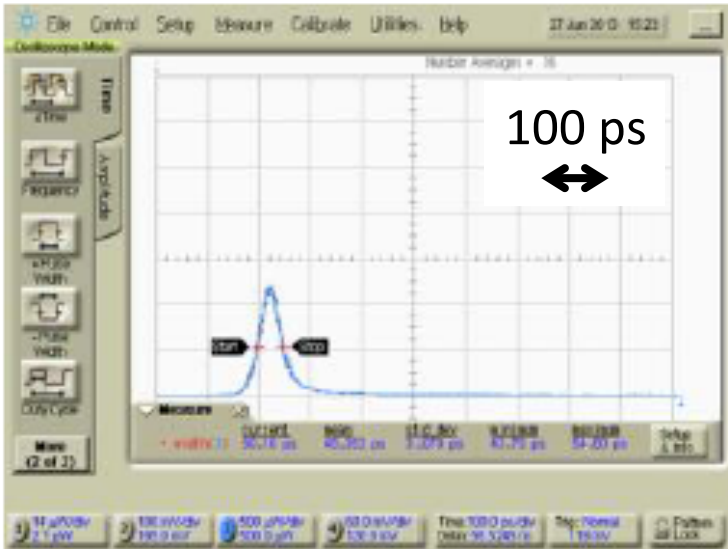
Kokyo, Inc.

No.5 Hase Bldg. 2F, 637, Suiginyacho, Shimogyo-ku
kyoto-shi, Kyoto, 600-8411, Japan

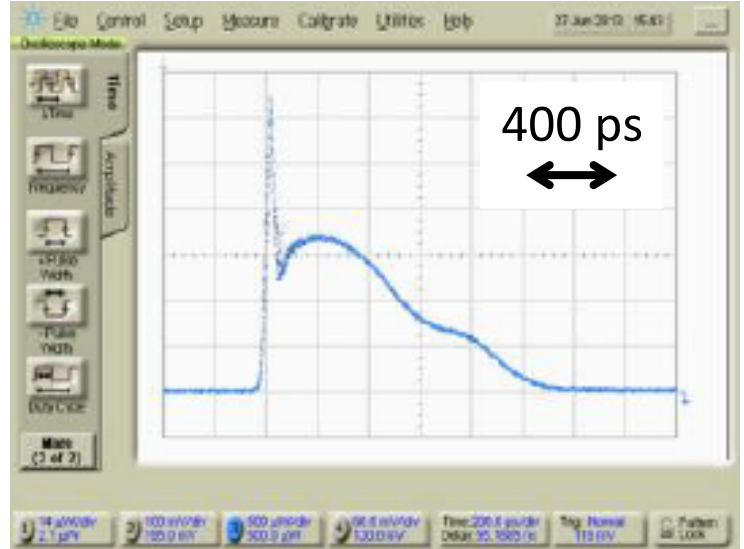
Email : info@symphotony.com TEL : 81-70-6582-2430

Varying pulse width

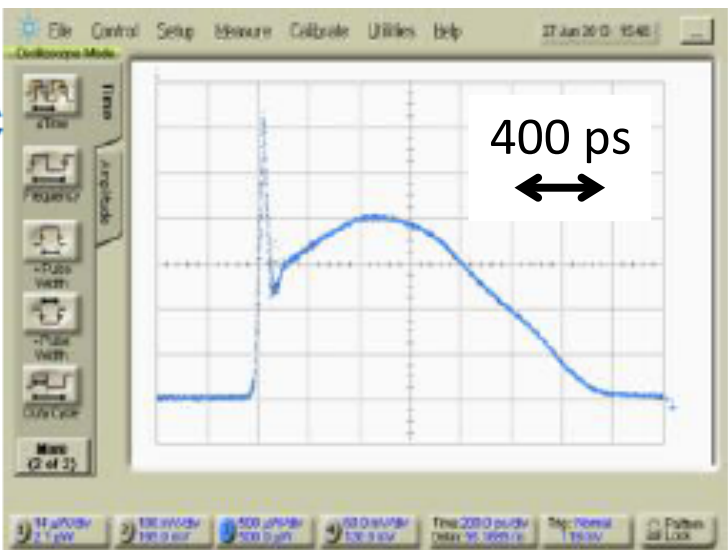
Pulse width : 50 ps



Pulse width : 500 ps



Pulse width : 1000 ps



Pulse width : 9 ns

