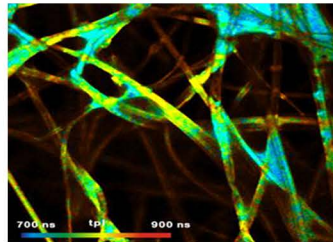
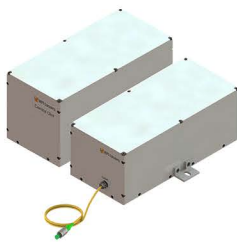


1 μ m Ultrafast Fiber Laser Seed - Blade Seed II ps

“Blade Seed II ps” is a 1 μ m picosecond fiber seed laser with pulse picker. It has pulse width of <10ps, repetition rate range between 20k~1MHz and average power of \geq 50mW at 1MHz; it also supports burst mode output.

“Blade Seed II ps” constitutes an integrated system of seed laser oscillator, fiber amplifier, and acousto-optic modulator. The laser system is all-fiber, and has undergone vigorous temperature cycling and vibration tests, ensuring power stability and long-term reliability.



Key Features :

- 24/7 high reliable operation
- 10k times mode-locked test
- HASS test
- Flexible, customized design

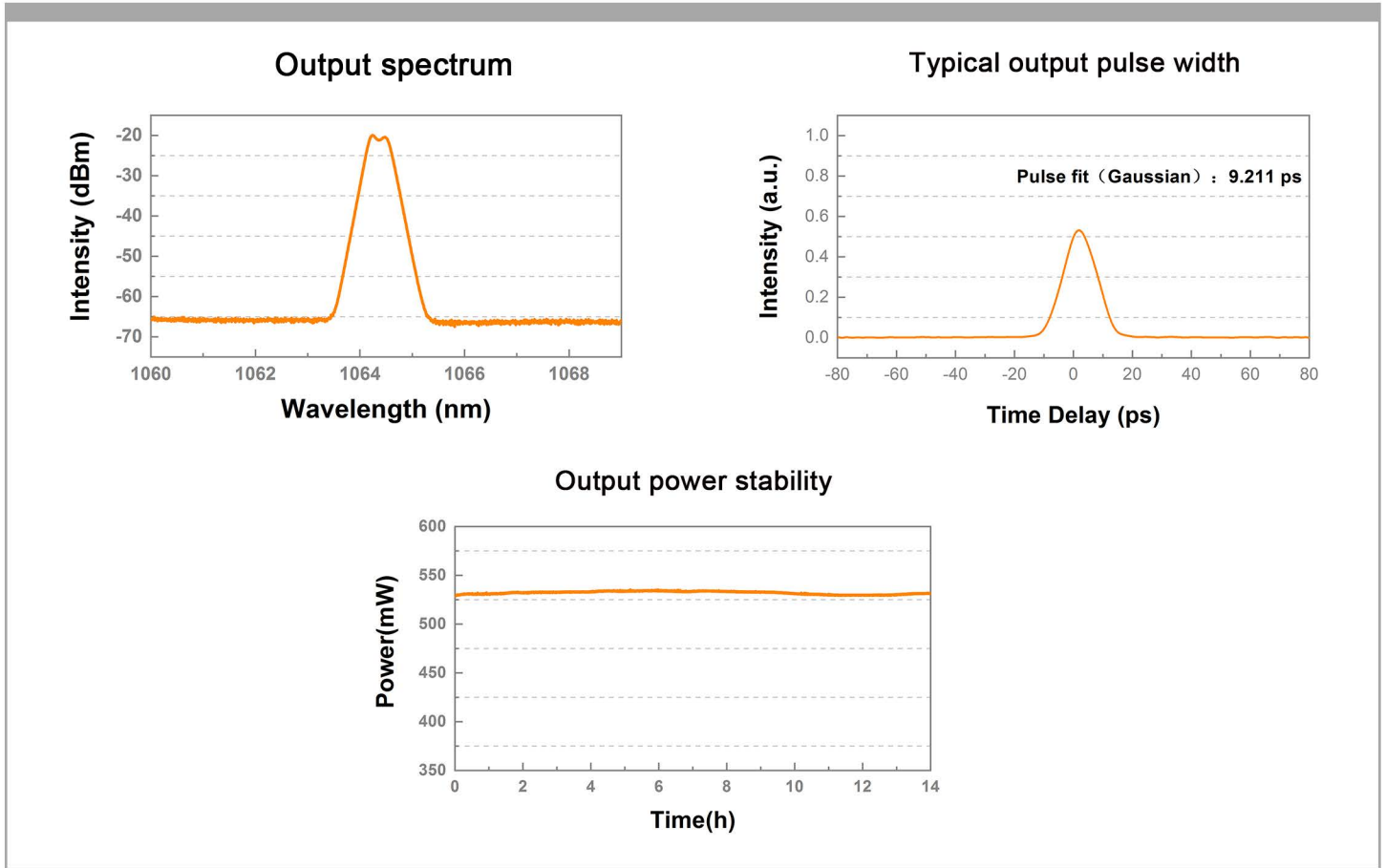
Applications :

- Ultrafast laser seed
- Time-resolved fluorescence
- Laser ranging
- Supercontinuum generation

» Main Specification:

Laser Parameters		
Operating Wavelength	nm	1064.3 \pm 0.15
Spectral Width	nm	<0.6
Repetition Rate		20kHz-50MHz
Pulse Energy	nJ	> 10
Pulse width (FWHM)	ps	<10
Average Power Stability	% RMS	<0.5 (12h@25°C)
Polarization Extinction Ratio	dB	>20
Output Fiber		SM PM fiber (> 30 cm)
Fiber Connector		FC/APC Narrow-key Fiber Pigtail
Electrical, Environmental and Mechanical Parameters		
Supply Voltage	VDC	12
Operational Temperature Range	°C	15~35
Operational Humidity Range	%	20~80 (Non-condensing)
Storage Temperature Range	°C	-20~+50
Storage Humidity Range	%	20~80 (Non-condensing)
Weight	kg	4
Dimensions	mm(L×W×H)	374×304×75
Cooling		Air-cooled

Test Data :



Machine Drawing

