

1030nm mode-locked, ultrafast femtosecond seed laser

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1030m mode-locked, ultrafast picosecond seed laser

Ultra-broadband ASE source

Custom laser sources

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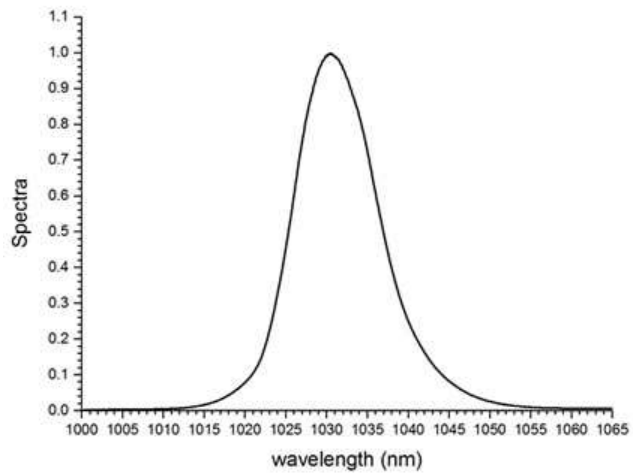
News

Our Products

1030nm mode-locked, ultrafast femtosecond seed laser

Description

Hibri-fs-seed-1030 is a polarization-maintained ,mode-locked fiber laser. This femtosecond seed laser is compact and reliable ,with excellent pulse-to-pulse stability. A typical output spectra is shown in the following figure.



Specifications

	Seed	Seed Option
Wavelength	1030 ± 5 nm	
Average Output Power	>10 mW (typically ~20mW)	>200mW
Spectral Bandwidth	>6nm (typically ~8nm)	>6nm (typically ~8nm)
Pulse Width Directly from Oscillator	1-2 ps	
Compressed Pulse Width	<300 fs*	
Repetition Rate	28 ±5 MHz	
Output Port - Standard	Fiber-Coupled FC/APC, Linearly Polarized	

*with external compressor

Features

- > Turnkey Operation, Self-Starting Laser Configuration
- > Compact Size

Products

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femtosecond seed laser

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Custom laser sources

- > Maintenance Free
- > Low Cost of Ownership

Applications

- > Ultrafast Spectroscopy
- > Material Characterization
- > Seed for High Energy Ultrafast Solid State Laser
- > Microfabrication
- > Bioimaging
- > Cell Manipulation
- > Nonlinear Optics