

Products

**1030nm mode-locked, ultrafast femtosecond seed laser**

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**1030m mode-locked, ultrafast picosecond seed laser**

**Ultra-broadband ASE source**

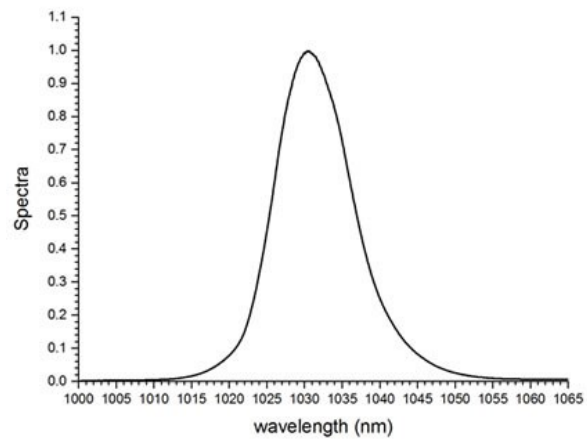
**Custom laser sources**

Our Products

**1030nm mode-locked, ultrafast femtosecond seed laser**

Description

ACL-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
- > 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