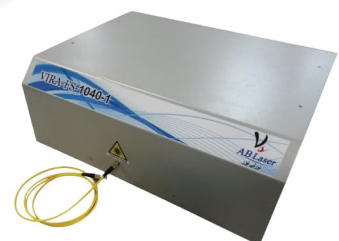


1040 nm Femtosecond Fiber Laser

Vira-fs-1040 nm, is an Ytterbium doped mode-locked Femtosecond fiber Based on passive mode-locking technique . Simultaneous fiber coupled and free space output could be named as the main spectation of this products. This product is designed and implemented by the experts in the AB Laser Company. This laser has wide applications in the medical, industry and Military fields. These applications include Non-linear imaging , Terahertz waves generating, Micro-machining the polymer and Quantum optics experiments.



Vira-fs-1040

1040 nm Femtosecond Fiber Laser



Technical Specifications

Center Wavelength	1040 nm
Pulse width	<100 fs
Average Power	70 mW
Pulse Energy	3-5 nJ
Repetition Rate	25 MHz
Spectral Bandwidth	18-25nm
Polarization	Linearly Polarized
Output Type	Both Free Space And Fiber

Vira-fs-1040

1040 nm Femtosecond Fiber Laser

Applications

- ✓ Terahertz waves generation
- ✓ Multi-photon excitation
- ✓ Micro-machining the polymer
- ✓ Quantum optics experiments
- ✓ Optical coherence tomography (OCT)
- ✓ Non-Linear imaging(SHG,THG,etc)
- ✓ Laboratory studies and research in optics

Features

- ✓ Small size and portable
- ✓ User friendly interfaces
- ✓ Linearly polarization
- ✓ High repetition rate
- ✓ High-quality output beam
- ✓ High power and spectral stability
- ✓ Fiber coupled and free space output



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