

# 515/532nm Picosecond Pulse Fiber Laser

## PICOSECOND FIBER LASERS



The Y-Fiber series ultrafast lasers utilize high-performance rare-earth fibers as the working medium, combined with all-polarization-maintaining mode-locking and frequency doubling technologies, to achieve stable output of picosecond pulsed lasers in the 515/532nm wavelength range. They are capable of fully self-starting and maintaining long-term stable operation, featuring narrow laser pulses and high peak optical power. These lasers are suitable for scientific research in fields such as fluorescence lifetime microscopy imaging and nonlinear optics. Customization of parameters such as Pulse Duration, Power, and Repetition Rate is available.

- Fully polarization maintaining
- FLIM
- Robust and reliable
- Pump laser for OPA
- Green Picosecond
- Seed Laser

### Specifications

Parameter	Specification
Center Wavelength (nm)	515/ 532
Optical Spectrum width (nm)	0.3
Pulse Duration (ps)	10/20/50/100
Output Power (mW)	1~200
Power Instability	< ± 2 %
Repetition Rate (MHz)	15~100
Pulse Energy (nJ)	>0.5
Stabilization Time (s)	<20
Polarization	Linear Polarization
Output Form	Free Space
Warm Time (min)	< 1

\* Center Wavelength: Customizable

\* Optical Spectrum width: Customizable

\* Pulse Duration: Customizable

\* Output Power: Customizable

\* Power Instability: 25°C, open after 5minutes

\* Repetition Rate: Customizable

Source: WaveQuanta product database. For ordering, customization (wavelength, power, package) and quotation, contact [sales@wavequanta.com](mailto:sales@wavequanta.com).