

1560nm Picosecond Pulse Fiber Laser

PICOSECOND FIBER LASERS



The E-Fiber series of picosecond pulsed fiber lasers employ high-performance rare-earth fibers as the operating medium, coupled with high-precision dispersion compensation technology and an active servo system, to achieve stable output of picosecond pulsed lasers at the 1560nm wavelength band. Featuring one-button auto-start upon power-on, long-term stable operation, and maintenance-free design, these lasers boast extremely narrow laser pulse widths and high pulse peak powers, making them widely applicable in the fields such as optical frequency combs, supercontinuum generation, terahertz (THz) technology, and more.

- Pulse duration 1~100ps
- Optical frequency comb
- Wavelength 1530~1560 nm
- Supercontinuum Generation
- Robust and reliable
- THz
- Compact and turnkey
- Ultrafast Optics

Specifications

Parameter	Specification
Wavelength (nm)	1530~ 1560
Optical Spectrumwidth (nm)	0.5~50
Pulse Duration (ps)	1/10/ 50/ 100
Output Power (mW)	1~120
Power Instability	< ±1%
Repetition Rate (MHz)	20 ~100
Repetition Rate Instability (Hz)	< 100
Pulse Energy (nJ)	>1
Polarization	Linear Polarization
Fiber	PM1550, FC/APC
Warm Time (min)	< 1

* Wavelength: Customizable

* Pulse Duration: Customizable

* Output Power: Customizable

* Repetition Rate: * Optional repetition rate adjustment function is available

* Fiber: Slow axis alignment

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