

May, 2022

High Repetition-Rate Fiber Lasers

for **Photoacoustic Microscopy** and **Laser Ultrasound Imaging**

- High pulse repetition rate (PRR): up to 100s MHz
- Wavelength:
 - 0.5 μm (Green)
 - 1.0 μm (Near-IR)
 - 1.5 μm ("eye-safe")
 - 2.0 μm ("eye-safe")
- Pulse width: ns to ps
- High power: 1 W to 100 W models



AdValue Photonics Overview:

As a leading manufacturer of innovative fiber lasers and amplifiers and leveraging our unique capabilities in laser glasses and fibers, we deliver groundbreaking products to our customers.

- EVERESTnano: Green, 1 μm , 1.5 μm , 2 μm Nanosecond Fiber Lasers
- EVERESTpico: Green and 1 μm Picosecond Fiber Lasers
- Pulsed Single-Frequency Lasers: 1 μm , 1.55 μm , 2 μm
- 2 μm Lasers and Amplifiers (ns/ps/fs pulsed, single-frequency, CW, broadband)
- Fiber Laser Components: Couplers, Isolators, Circulators

*Manufactured in the Optics Valley,
Tucson, Arizona, USA*

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