

February, 2024

Multiple OEM POs Were Received for Yb Fiber Amplifier Modules

--- Extremely Compact and Powerful ---

- Mode field diameter $>40\mu\text{m}$, $M^2 < 1.2$
 - 100 μJ for 400ps pulse width
 - 100W average output power
 - 23dB gain at 1030nm
 - Package length, 21.7 cm (8.5 inch)
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- Ultrafast applications
 - Extraordinary optic nonlinearity suppression
 - No free-space coupling like photonic crystal fibers
 - Various levels OEM or integrated system available
 - 150W output power upon request
 - US Patents Protected



[Yb fiber amplifier module
specification sheet](#)

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.

- ◆ [Nanosecond](#) Fiber Lasers at wavelengths 0.5 μm (Green), 1 μm , 1.5 μm , 2 μm : **EVEREST***nano*
- ◆ [Picosecond](#) Fiber Lasers at 0.5 μm (Green), 1 μm : **EVEREST***pico*
- ◆ [Single-Frequency](#) Lasers (CW and pulsed): 1 μm , 1.5 μm , 2 μm
- ◆ [2 \$\mu\text{m}\$ family](#) Lasers and Amplifiers : ns/ps/fs pulsed, single-frequency, CW, broadband
- ◆ Fiber Laser [Components](#) : couplers, isolators, circulators
- ◆ [Laser Machines](#) for material processing: glass drilling, glass cutting and ceramic cutting

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