

Jan, 2026

Introducing Femtosecond IR Laser (AP-1030F)

AdValue Photonics introduces the **AP-1030F**, a **1030 nm femtosecond laser** designed for applications that require **ultrashort pulse interaction**, high stability, and reliable industrial operation.

With **sub-500 fs pulse duration**, **high beam quality ($M^2 < 1.3$)** and **30W output power**, the AP-1030F enables precise, low-thermal-impact processing of brittle and advanced materials, supporting both process development and production use.



The AP-1030F is engineered as a **process-focused industrial platform**, offering **burst-mode pulse control**, **pulse-on-demand**, and **real-time monitoring with Ethernet-based diagnostics**. These features give users fine control over energy delivery and improved process repeatability.

Designed for easy system integration, the AP-1030F supports flexible repetition rates, pulse energies, and standard industrial interfaces.

Applications include medical devices, display and AR/VR processing, aerospace components, brittle material machining, and scientific research.

The specification sheet can be found [here](#).

If you are interested in this laser, email us at contact@advaluephotonics.com.

Please come to visit us at **Photonics West** during 20-22 January, 2026.
Our **booth number is 1267**.

SPIE. PHOTONICS WEST

AdValue Photonics:

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 μ m (Green), 1 μ m, 1.5 μ m, 2 μ m
- ◆ [Picosecond](#) Fiber Lasers at 0.5 μ m (Green), 1 μ m
- ◆ [Single-Frequency](#) Lasers (CW and pulsed): 1 μ m, 1.5 μ m, 2 μ m
- ◆ [Amplifiers](#): ns/ps/fs pulsed, single-frequency, CW, broadband
- ◆ Fiber Laser [Components](#): couplers, isolators, circulators
- ◆ [Laser Machines](#) for material processing: glass, ceramic and diamond

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

contact@advaluephotonics.com ▪ www.advaluephotonics.com ▪ Tel: +1-520-790-5468