1.2mJ Single-Frequency Fiber Laser at 1 Micron Wavelength Now Available

TUCSON, Ariz., May 17, 2016 /PRNewswire/ -- AdValue Photonics is proud to offer a fiber laser with 1.2 mJ pulse energy and single-frequency narrow linewidth to our customers. This exciting new product has been manufactured, shipped, and is currently available. The addition of this pulsed single-frequency fiber laser provides powerful new capabilities for LIDAR, frequency conversion, mid-IR generation, and spectroscopy applications.

This laser operates in the 1 micron wavelength range, with a high pulse energy of 1.2 mJ at a pulse repetition rate (PRR) of 10 kHz in a single longitudinal mode (single frequency). Other characteristics include single transverse mode, high beam quality (M2 < 1.2), transform-limited pulse width and spectral linewidth, and compact packaging. The laser runs on standard AC 100-240 V (50/60 Hz) power.

AdValue Photonics representatives will be at the CLEO 2016 exhibit (booth #1425), in San Jose, California, USA to discuss this and other products available.

About AdValue Photonics:

AdValue Photonics is a leading manufacturer of innovative fiber lasers for the scientific, LIDAR, materials processing, and medical applications. Founded in 2007, with a reputation for delivering groundbreaking products based on its proprietary technology, the company utilizes its unique capabilities in specialty glasses and fibers to optimize the performance and reliability of its fiber lasers.

For more information, please visit: http://www.advaluephotonics.com

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