

AdValue Photonics' All-Fiber Isolator Wins a 2014 R&D 100 Award



June 11, 2014

Tucson, AZ. Once again AdValue Photonics joins some of the world's most innovative companies, universities and government labs as a 2014 R&D 100 award winner for our 1 Micron All-Fiber Isolator. For the past 52 years, R&D Magazine has recognized the 100 most technologically significant products introduced the previous year. In 2012, we won our first R&D 100 award for the world's first 2 Micron High Power Mode-Locked Fiber Laser.

AdValue Photonics' All-Fiber Isolator is a quantum leap forward in back-reflection protection for 1 micron fiber lasers. While traditional "free-space" fiber-pigtailed isolators can handle approximately 20W of forward power and less than 1W of backward power, our revolutionary product can reliably handle >50W in both directions!

Key Specifications:

Forward Optical Power: > 50W
Backward Optical Power: > 50W
Operating Wavelengths: 1030nm & 1064nm
Isolation: > 20 dB
Insertion Loss: 1.5 dB
Polarization Maintaining



About AdValue Photonics:

AdValue Photonics is a leading manufacturer of 2-micron fiber lasers for the scientific, materials processing and medical markets. Founded in 2007, with a reputation for delivering groundbreaking products based on its innovative technology, the company utilizes its expertise 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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Specifications subject to change without notice