

For Immediate Release
Pulse compressor and Peak-Field Booster

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Ottawa, Canada - January 28, 2020 - OZ Optics Limited, a world leading supplier of fiber optic products for research and development introduces its new “Pulse compressor and Peak-Field Booster”. This compact passive device utilizes nonlinear effects from an optical fiber to surpass peak electric field limitations from an ultrafast optical source. By attaching the device to the output of a pulsed laser source, the peak electric field can be increased by a factor of more than two with only minor adjustment. The output pulse contains more frequency content than the optical source and has shorter pulse duration. This allows for significant broadening of the bandwidth of output THz radiation.

ABOUT OZ OPTICS LIMITED

Founded in 1985, OZ Optics Limited designs, manufactures and markets fiber optic components for existing and next-generation optical networks and systems based on proprietary technology, trade secrets and patents. The OZ Optics product line enables customers to develop optical networking systems that transmit data reliably at increasing data rates. OZ Optics also designs and manufactures handheld test and measurement equipment for the fiber optic market. We have recently commenced the delivery of innovative optical sensors that can prevent the loss of millions of dollars, for a broad range of applications. The Company’s state-of-the-art design capabilities enable us to rapidly deliver a broad range of high-quality products to meet customer specifications and requirements. OZ Optics is ISO 9001:2008 certified. For more information about OZ Optics Limited and the products, visit www.ozoptics.com

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