

**OFS Presents High Power Pump Combiners and Pump Signal Combiners  
at the 2017 Directed Energy Systems Symposium**

*Key components of a highly integrated fiber laser and fiber amplifier system  
are high-power all-fiber pump and pump signal combiner*

**Somerset, NJ. September 20, 2017** - OFS, a leading designer, manufacturer, and supplier of innovative fiber optic products, will showcase its high power all-fiber pump combiners and pump signal combiners at the Directed Energy Systems Symposium from September 26-28, 2017 in Monterey, CA.

Fiber lasers offer features that are critical to the Directed Energy platform for advanced laser weapon systems. OFS provides leading edge technology with highly reliable passive fiber optic pump combiners and pump signal combiners which are key components of these highly integrated fiber laser and amplifier systems. OFS combiners couple the power of a number of multimode lasers to obtain up to 2 kilowatt power levels. OFS high power all-fiber pump combiners and pump signal combiners have been tested and demonstrate high power levels of 400W and 2kW respectively. OFS combiners can be implemented in almost any fiber laser or amplifier architecture.

“Our high-power pump and signal combiners provide high transmission efficiency ( $\geq 99\%$  and  $\geq 96\%$  respectively) allowing for an uncooled operation. We designed the combiner specifically for the Directed Energy market, addressing the requirements for laser weapon systems with improved SWAP (size, weight and power),” states LeRuth P. Bell, OFS Aerospace and Defense Market Manager, for OFS.

For more information on this cable please see an expert at The Directed Energy Systems Symposium at OFS booth #1023, or contact your local OFS representative for more information.

## **About OFS**

OFS is a world-leading designer, manufacturer and provider of optical fiber, fiber optic cable, connectivity, fiber-to-the-subscriber (FTTx) and specialty photonics products. We provide reliable, cost-effective solutions for a broad range of applications including telecommunications, medicine, industrial automation, sensing, government, aerospace and defense. These products help our customers meet the needs of consumers and businesses, both today and into the future.

OFS is headquartered in Norcross (near Atlanta) Georgia, U.S.A.

Please visit [www.ofsoptics.com](http://www.ofsoptics.com).

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