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News Release

OFS Introduces New 1 Kilowatt TrueMode™ Fiber Laser Cavity



Somerset, New Jersey 31 January 2014 – OFS, a leading designer, manufacturer, and supplier of innovative fiber laser components, today announced the launch of its new 1 Kilowatt TrueMode Fiber Laser Cavity.

This laser cavity is a complete package with matched components that deliver 1 kilowatt of true single-mode output. Its breakthrough core architecture and fiber design extends the power capacity delivered per module. This enables customers to simplify their multi-kW system design.

The innovative package design gives customers the freedom to use the pump diode of their choice. “This optical engine’s higher power capability and true single-mode design deliver near ideal splice loss capability, high efficiency and excellent beam quality”, states Dr. Jerome Porque, Lead Product Development Engineer at OFS.

In addition, OFS offers a compatible TrueM2™ Beam Combiner that enables customers to combine several laser cavities needed to build multi-KW systems. “These OFS modules are expected to provide customers a reliable fiber laser technology solution. It allows customers to focus on their core competency and differentiation value as they build their own materials processing systems,” states JoAnn Coyne, General Manager, OFS.

About OFS

OFS is a world-leading designer, manufacturer and provider of optical fiber, optical fiber cable, connectivity, FTTX and specialty photonics solutions. Our marketing, sales, manufacturing and research teams provide forward-looking, innovative products and solutions in areas including Telecommunications, Medicine, Industrial Automation, Sensing, Government, Aerospace and Defense applications. We provide reliable, cost effective optical solutions to enable our

customers to meet the needs of today's and tomorrow's digital and energy consumers and businesses.

OFS' corporate lineage dates back to 1876 and includes technology powerhouses such as AT&T and Lucent Technologies. Today, OFS is owned by Furukawa Electric, a multi-billion dollar global leader in optical communications.

Headquartered in Norcross (near Atlanta) Georgia, U.S., OFS is a global provider with facilities in China, Denmark, Germany, Russia, and the United States.

For more information, please visit www.ofsoptics.com.

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