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News Release

OFS ANNOUNCES THE LAUNCH OF FEW-MODE FIBERS SERIES

Designed for Space Division Multiplexing

OFC/ NFOEC 2013, Booth 2627, Anaheim, California, March 18, 2013 - OFS, a leading designer, manufacturer and supplier of innovative fiber optic network products, today announced the launch of a series of few-mode fibers designed for space division multiplexing.

“Few-mode fibers can be used for space division multiplexing where information is transmitted simultaneous on several modes thereby further increasing the transmission capacity of an optical fiber,” says Robert Lingle Jr., Director of Fiber Design and Systems Research at OFS. “Spatial multiplexing on few mode fibers is one of the very hot research topics at this year’s Optical Fiber Communication Conference (OFC),” he adds.

The few-mode fibers offered include three versions: a two-mode fiber with graded-index core, which has a low differential group delay; a step-index two-mode fiber; and a step-index four-mode fiber.

“The OFS few-mode fibers have been developed as a part of OFS participation in the European Union supported collaborative Research & Development project MODE-GAP,” says Bera Pálsdóttir, Manager of Incubation Center OFS Denmark. “The fibers have been tested by our business partners at ModeGap, already resulting in several publications, with the demonstration of transmission of 57.6 terabit per second (Tbps) using 6 spatial modes being the most impressive result thus far,” she adds.

More details on the ModeGap project can be found on the website <http://modegap.eu/>

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.

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

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