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News Release

OFS ANNOUNCES AUTOMATION IN SPLICING COMPLEX PROFILE FIBERS WITH FITEL® SMARTFUSE™ SOFTWARE

New software features for optimal splices

OFC/ NFOEC 2013, Booth 2627, Anaheim, California, March 18, 2013 - OFS, a leading designer, manufacturer and supplier of innovative fiber optic network products, has announced that its Furukawa Electric FITEL® SmartFuse™ Fusion Splicing Software has been enhanced to include automated optimal facial-fit alignment and a new effective live fiber splicing method.

The FITEL SmartFuse facial-fit alignment software provides the optimal fit between two end faces of fibers prior to splicing, enabling increased production throughput while helping to minimize labor costs. With larger diameter fibers, end-face cleaving is often imperfect with slight angles introduced. The FITEL SmartFuse software measures the end face angle, rotates the fibers, determines the optimal fit between the two faces, and then splices them; all in a fully automated mode. This new feature enables the splicing of cleave angles that would have previously been outright rejected or required extensive operator time to align manually.

The new live-fiber splicing method of the FITEL SmartFuse software enables a much faster splicing process by automated goal oriented optimization. This new method can also overcome machine motors' backlash problem and can smooth motor movements to calculate the best achievable fit prior to aligning the fibers. Users can splice the fiber with minimum insertion loss or maximum power. In addition, the arc duration in this method is not fixed. FITEL SmartFuse software automatically calculates the duration time required for the best achievable minimum insertion loss or maximum power.

FITEL SmartFuse software is designed to enhance splicing performance in the field, lab and factory. The software enables users to automatically perform splicing and manage splicing data, including insertion loss and splicing images. Bonus features include the ability to

manage and customize splicing recipes, analyze splicing performance, as well as various advanced splicing tasks.

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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