OFS ANNOUNCES COMMERCIAL AVAILABILITY OF ITS ACTIVE CLAD ALIGNMENT FITEL® S153A FUSION SPLICER TO THE NORTH AMERICAN MARKET

New active clad alignment system helps to reduce splicing loss


“The key advantage of the FITEL S153A splicer is that it helps to achieve lower splicing loss with less user skills required as compared to a conventional fixed v-groove clad alignment fusion splicer,” said Linda Dembowski, General Manager, Optical Connectivity Solutions. “Lower splicing loss makes the S153 fusion splicer a front runner in low cost field splicing equipment.”

Combined with the FITEL S178 fusion splicer announced in January 2010, OFS offers a wide range of rugged hand-held fusion splicers offering speed, durability, and low loss in a smaller, lighter hand-held design. These two machines are both designed to endure harsh operating conditions by improving shock / impact resistance with rubber pads embedded on 4 corners of the splicer body. Both fusion splicers are also water resistance compliant to IPX2 and dust resistance compliant to IP5X.

Another key feature of the S178 and the S153A is the significantly reduced operation time as compared to a conventional fusion splicer. Protection sleeve shrink time is a mere 25 seconds (with pre-heating mode), while splicing requires only 9 seconds with S153A. Power saving technology used in these machines allows up to 200 splicing cycles (splicing and heating) with 2 built in rechargeable batteries. By combining improved speed, precision,
durability and portability in one body, the S178 and S153A usher in new possibilities for fusion splicing applications.

The S153A is capable of splicing common telecommunication fibers such as SM/MM (single-mode/multimode). In addition, the S153A also boasts splice programs for BIF/UBIF (bend insensitive fiber/ultra bend insensitive fiber) which is more commonly used for FTTH applications.

**S153A Fusion Splicer Product Features:**

- Active clad alignment helps eliminate common errors
- Canopy design, durable metal body frame and rubber protection corners provide robust protection for demanding environmental conditions
- Fast splice (9 sec.) with low loss and fast heating (25 sec.)
- 200 cycles (splicing and heating) with FITEL series battery configuration
- Available for ALL METRO/LAN/FTTX fibers including ultra bend insensitive fibers (e.g. EZ-Bend® Fiber)
- Splicer is compatible with the Seikoh Giken and Diamond splice-on-connector (SOC)
- Easy maintenance – Toolless electrode replacement along with a mirror free alignment system
- Easy software upgrade via the Internet
- RoHS compliant

**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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CONTACT:

Sherry Salyer
OFS Public Relations
shsalyer@ofsoptics.com
Direct: 770-798-4210
Mobile: 678-296-7034