

Press Release

New Product Lines at LASER COMPONENTS

Splicers and Thermal Fiber Strippers for Polyimide Coatings

LASER COMPONENTS has introduced new product lines: Tools for processing special optical fibers up to 1.2 mm in diameter. This includes thermal fiber strippers and splitters.

Thermal strippers are used to gently remove polyimide coatings and to prepare the fibers for splicing. Suitable for use in both laboratory and production environment, the automated stripper FPU II features with the Ring of Fire® technology. This process is used to remove polyimide coatings up to 2.5 mm in diameter.

The new partner Furukawa Fitel offers various fusion splicers: Using the S184PM splicer, thick, nonsymmetrical fibers, e.g. octagonal or PM fibers, can also be spliced. PCF fibers are processed with the S183PM: The challenge to splicing a PCF is keeping the thermal impact along the fiber to an absolute minimum. The advantage of a fusion splicer with electrodes compared to splicers with filaments becomes apparent here. The reproducibility is excellent!

PCF fibers and fibers with different diameters require special splicing programs that are optimized to correspond exactly to the scale, structure, and doping of the fibers to be spliced. Once these parameters have been obtained, the programs function reproducibly.

FITELs splicers have programs for many fiber combinations. They are continually updated to keep up with the rapid developments of new fibers - especially in the field of laser development, new different dopings and structures are engineered.

More Information

<http://www.lasercomponents.com/de-en/fiber-optics/optical-fiber-processing/>

Trade Shows

BiOS 2014, Feb., 01. - 02., 2014, The Moscone Center, San Francisco, USA, **Booth 8517**
Photonics West 2014, Feb., 04. - 06., 2014, The Moscone Center, San Francisco, USA, **Booth 517**
CeBIT 2014, 10. - 14.03.2014, Messe Hannover, **Booth 13.E12**
analytica 2014, Apr., 01. - 04., 2014, Neue Messe München, **Booth A2.400A**
Optatec 2014, May, 20. - 22., 2014, Messe Frankfurt, **Booth E01**
Defense, Security & Sensing 2014, Apr., 30. - May, 02., 2014, Baltimore, USA, **Booth 1030**
Sensor + Test 2014, Jun., 03. - 05.2014, Messe Nürnberg, **Booth 12.117**

The Company

LASER COMPONENTS specializes in the development, manufacture, and sale of components and services in the laser and optoelectronics industry. At LASER COMPONENTS, we have been serving customers since 1982 with sales branches in four different countries. We have been producing in house since 1986 with production facilities in Germany, Canada, and the USA. In-house production makes up approximately half of our sales revenue. A family-run business, we have more than 160 employees worldwide.