

News Release

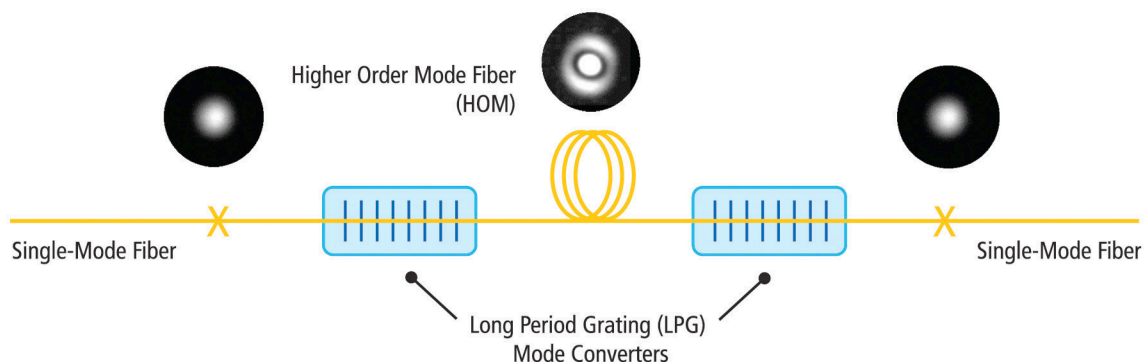
FOR RELEASE JANUARY 27, 2009

FemtoComp Modules Now Available for .8, 1, and 1.55 μm Wavelength Ranges and in a Polarization-Maintaining Version

Broendby, Denmark, January 27, 2009 — OFS today announced the latest addition to its pioneering line of dispersion control technologies for ultra-short pulse lasers—FemtoComp™ Modules. These new products address the difficult-to-match third- and even fourth-order dispersions of commonly used grating compressors. There are now 4 new FemtoComp Modules available in addition to the original 1 μm wavelength version: 2 pulse-stretcher modules for either the 1 or 1.55 μm wavelength range, a polarization-maintaining module in the 1 μm wavelength range, and a module for the .8 μm wavelength range.

Gudmund Knudsen, Vice President, OFS Specialty Photonics Division, says, “Matching the dispersion of a grating compressor is quite challenging due to high third- and fourth-order dispersion. But, based on our long experience in designing dispersion compensating fibers for telecommunications, we have managed to obtain a very good match not only for the third order dispersion but even for the fourth order dispersion.”

Last year, OFS introduced the original FemtoComp Module, an all-fiber, low-loss, anomalous dispersion module for dispersion management in ultra-short pulse oscillators and amplifiers working in the 1 μm wavelength range. This year, we have added the pulse-stretcher modules, the polarization-maintaining version at 1 μm , and the module for .8 μm . FemtoComp Modules are based on OFS Laboratories’ innovations in HOM (higher order mode) fiber and mode conversion technology. They have low loss and low PMD and are manufactured to customer specifications with respect to dispersion, connectors, pigtails, adapters, labeling, and dimensions.



About OFS

OFS is a designer, manufacturer, and supplier of leading edge optical fiber, optical fiber cable, optical connectivity and specialty photonics products for a wide variety of applications and industries. OFS, formerly the Optical Fiber Solutions division of Lucent Technologies Inc., has a proven track record of being first in the industry with application specific fibers, optical connectors, ribbon cables, erbium doped fibers, Raman fiber lasers and more. OFS is committed to providing customers increased value by offering products that deliver lowest cost per bit network solutions, protecting investments through future flexible solutions.

OFS distributes its optical fiber, optical fiber cable, optical connectivity and specialty photonics products directly to end users, as well as through valued distributors, external cable customers and equipment vendors.

OFS is owned by Furukawa Electric, Co., Ltd. a multi-billion dollar global leader in optical communications. Headquartered in Norcross, GA, OFS operates facilities in Avon, Connecticut; Carrollton, Georgia; Somerset, New Jersey; and Sturbridge, Massachusetts, as well as facilities in Denmark, Germany and Russia. For more information about the Specialty Photonics Division, please visit: www.SpecialtyPhotonics.com

For more information about OFS, visit: www.ofsoptics.com

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