

## **OFS Announces AcoustiSens™ Single-mode Optical Fiber for Enhanced Vibration Sensing at Photonics West 2019**

**Norcross, Georgia. 5 February 2019** - OFS, a leading designer, manufacturer, and supplier of innovative fiber optic products announces AcoustiSens Single-mode Optical Fiber. Designed to enhance Distributed Acoustic Sensing (DAS) systems, this patented product will be shown during the Photonics West Exposition being held at the Moscone Center in San Francisco, California from 5 through 7 February 2019.

AcoustiSens optical fiber, when coupled via sensing cables to commercially available DAS systems, enables significant improvements in Acoustic Signal to Noise Ratio (ASNR) through dramatic gains in the Optical Signal to Noise Ratio (OSNR) of the fiber. Splice-compatible with ITU-T G.652.D telecom standard fibers, AcoustiSens fibers provide drop-in improvement to standard telecom or specially doped optical sensor fibers in conventional DAS systems.

“OFS recognizes the value of DAS and sees a need for significant improvements in how optical waveguides support this problem-solving technology”, said Mike Hines, Market Manager for OFS, “AcoustiSens helps by meeting the challenge of greatly increasing Rayleigh backscatter while maintaining low attenuation, thereby improving OSNR within the fiber. This translates to dramatic improvements in DAS ASNR at the systems level”.

Heather Dunn, OFS General Manager added “The OFS specialty team is uniquely positioned to support development of next generation DAS systems with AcoustiSens as an enabling component. With decades of experience in special optical fiber designs, enhanced coatings systems, and cabling to support markets well beyond the telecom space, we’re marshalling our knowledge and experience to provide real value for the DAS arena.”

For more information on these and other OFS products, stop by OFS booth #1559 at Photonics West or visit [www.ofsoptics.com](http://www.ofsoptics.com).

### **About OFS**

OFS is a world-leading designer, manufacturer and provider of optical fiber, fiber optic cable, connectivity, fiber-to-the-subscriber (FTTx) and specialty fiber optic products. We put our development and manufacturing resources to work creating solutions for applications in such areas as telecommunications, medicine, industrial automation, sensing, aerospace, defense and energy. We provide reliable, cost-effective fiber optic solutions that help our customers meet the needs of consumers and businesses today and into the future.

Headquartered in Norcross (near Atlanta) Georgia, U.S.A., OFS is a global provider with facilities in China, Denmark, Germany, Morocco, Russia and the United States. OFS is part of Furukawa Electric Company, a multi-billion-dollar leader in optical communications.

Please visit [www.ofsoptics.com](http://www.ofsoptics.com).

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