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Your Optical Fiber Solutions Partner™

News Release

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## **OFS ANNOUNCES NEW, COMPACT OPTICAL CABLE ASSEMBLY FOR HIGH DENSITY APPLICATIONS**

**Speeds moves, adds, and changes, with increased reliability in central offices and data centers**

**OSP Expo 2007, Booth #532, San Jose, CA, August 29, 2007** – OFS, designer, manufacturer, and supplier of leading-edge fiber optic products and solutions, today announced it has developed a new and improved cable assembly that breaks the 3 meter (6.6 ft) minimum jumper length barrier required by many service provider specifications. OFS Blue Tiger® and AllWave® *FLEX* jumpers are now available in lengths down to 0.5 meters (1.5 ft) to ease congestion and cable management in dense applications.

Optical cable assemblies of less than 3 meters in length using conventional single-mode fiber (SMF) can cause a modal noise condition which in some cases could disrupt network service. Telcordia GR-449, a specification referenced by many service providers, states that fiber jumpers should be 3 meters minimum in length, but shorter fiber jumpers shall be permitted to be used on an FDF (fiber distribution frame) if the supplier provides technical information demonstrating that the intermodal noise is attenuated over the supplier's minimum fiber jumper length.

The AllWave *FLEX* fiber selected for both OFS Blue Tiger and OFS AllWave *FLEX* jumpers uses a bend-optimized design which dramatically suppresses the modal noise problem to enable compact jumper lengths in OFS products such as the LGX® Optical Cable Management System and the ORBITAL™ fiber distribution cabinet. OFS testing and modeling of AllWave *FLEX* jumpers have shown that these products, even under extreme conditions, reduce the modal noise to insignificant levels for jumper lengths as short as 0.5 meters.

AllWave *FLEX* bend-optimized fiber jumpers and cable assemblies enable cable assemblies to route through tight bends in cable management systems with minimal signal loss to increase reliability of high revenue video, data, and voice services. Built-on a design originally invented by OFS Labs predecessor Bell Labs in 1986, the bend-optimized AllWave *FLEX* fiber was introduced to the market in March 2006 and today is the standard offer in OFS cable assemblies and premise cables.

## **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](http://www.ofsoptics.com).

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