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News Release

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## **OFS PARTNERS ON ITU FTTP INTEROPERABILITY SHOWCASE TO DEMONSTRATE TRIPLE PLAY SERVICES OVER COST-EFFICIENT EXTENDED REACH, FIBER INFRASTRUCTURE**

### ***Low Cost and Extended reach enabled by ACCESS ADVANTAGE™ FIBER-TO-THE-PREMISES SYSTEM FEATURING ALLWAVE® FIBER***

**Supercomm 2005, Chicago, IL, Booth 76088, June 6, 2005** - OFS, designer, manufacturer and supplier of leading edge fiber optic products today announced it is demonstrating its Access ADVANTAGE™ cabling system supporting the ITU interoperability showcase for fiber to the premises (FTTP) related standards at the Supercomm show in Chicago, Illinois.

On show will be passive optical network (PON) equipment built according to the ITU-T G.984 and G.983 series of recommendations. The Access ADVANTAGE system will connect Gigabit Capable PONs (G-PONs), Broadband PONs (BPON) and enhanced BPON systems from 17 different vendors. The demonstration will include the “triple play” services of voice, data, and both RF and IP video to distances of up to 20 KM with a 1:32 split ratio. The applications include broadcast analog video at 1550nm, Internet Protocol (IP) data and two-way live voice using Time Division Multiplexing (TDM) at 1490 nm and 1310 nm.

The Access ADVANTAGE system uses OFS’ zero water peak AllWave® fiber cable, the TriBox™ fiber management system, Dry Tenable drop cables, ultra low loss Blue Tiger™ jumpers, and OFS invented low loss LC connections to reduce channel insertion loss compared to a conventional cabling system. This low loss FTTP solution can double the reach of PONs to 20 km, maximizing service area coverage, while allowing customers to use lower power and lower cost EDFAs for analog video. The OFS FTTP solution supports increasing capacity to gigabit levels, which should more than satisfy foreseeable customer demand offering the revenue generating potential of video applications, high-speed Internet

access, multimedia and other high-bandwidth capabilities to 20km with a 1:32 split ratio all over a passive, single fiber access solution.

“The Access ADVANTAGE solution provides a low loss system to extend reach while enabling maximum transmission capacity and lower system cost,” said Paul Neuhart, president of the OFS Optical Fiber Cable and Connectivity Division. “It integrates all of the key advantages of OFS' cabling and apparatus products to help lower installation costs, maximize reach, bandwidth and revenue, reduce space requirements, and simplify fiber connectivity management, all helping to maximize return on investment for FTTP networks.”

The Access ADVANTAGE system is the first end-to-end FTTP optical fiber cabling system that enables lowest cost and extended reach for current and future PON and point-to-point applications, for analog and digital video, voice, and data. It features cable designs for multiple right of ways, and offers OFS DryBlock<sup>®</sup> cable technology to speed installation while helping to reduce costs. A key component of the Access ADVANTAGE System is AllWave fiber that opens the full transmission spectrum to offer 50% additional bandwidth that can support current and future applications with low cost CWDM overlays on to the existing PON infrastructure. In addition, the Access ADVANTAGE system includes efficient and innovative fiber management using the Orbital<sup>™</sup> and TriBox solutions. It also features low loss splitters, Blue Tiger jumpers to minimize bending loss in dense patching fields, and the industry's best selling and lowest loss small form connector – the LC connector – invented by OFS.

## **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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