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News Release

OFS ACCESS ADVANTAGE™ SYSTEM DOUBLES THE REACH OF TRIPLE PLAY WITH A COMMERCIALY AVAILABLE FTTP SOLUTION

LOW LOSS SYSTEM EXTENDS COVERAGE TO SERVE MORE SUBSCRIBERS AT LOWER COSTS

Atlanta, GA, June 8, 2004 - OFS, designer, manufacturer and supplier of leading edge fiber optic network products today announced that its low-loss Access ADVANTAGE™ System featuring AllWave® Zero Water Peak Fiber has been verified to support an extended 20KM reach with a commercially available BPON system. The system used a single AllWave fiber to support voice, data, and full analog video, with a 1:32 splitter reaching 32 subscribers at twice the rated distance using alternative systems. The extended reach, enabled by the low-loss Access ADVANTAGE System, can allow carriers to significantly broaden network coverage to serve many more subscribers from each active node while also avoiding the need for expensive transmission systems and exotic high-power fibers.

“The Access ADVANTAGE system was tested and verified to simultaneously support BPON voice and data services at both 1310 nm and 1490 nm, plus 82 channel analog video and digital video at 1550 nm” said Robert Lingle, Director of Fiber Research and Development, OFS. “The test results were fully within our specifications and the equipment vendor’s requirements. The analog video power was at least 2 dB below the SBS power limit of the AllWave fiber and still achieved the 48 dB Carrier to Noise Ratio (CNR) required by customers for excellent picture quality”, added Lingle. The low loss of the Access ADVANTAGE system enabled the use of low cost, standard off-the-shelf analog video transmitters and Erbium Doped Fiber Amplifiers (EDFAs). The Access ADVANTAGE system can save over \$200 per subscriber by using low power to deliver high quality analog video, compared to high power analog video systems that require special high power fibers. These results were achieved using OFS’ completely backward compatible AllWave fiber that avoids

the need to add a new fiber type to carrier networks; the use of expensive, high power equipment; and the complications from splicing together fibers with different characteristics.

“By lowering system loss and adding 50% more bandwidth thanks to its zero water peak characteristics, the superior transmission performance of the Access ADVANTAGE system extends reach, lowers cost, and supports existing voice, data, and analog and digital video applications. In addition the Access ADVANTAGE system provides the lowest cost upgrade path for future high bandwidth applications,” said Paul Neuhart, President, Optical Fiber, Cable and Connectivity Division, OFS.

OFS created the Access ADVANTAGE system using Award winning low-loss AllWave® Full Spectrum fiber, Low-loss splicing performance, Low-loss LC or SC connectors, Low-loss splitters, and Bend loss insensitive Blue Tiger™ jumpers.

The Access ADVANTAGE system is the first end-to-end FTTP optical fiber cabling system that enables the lowest cost and extended reach for current and future PON applications, point to point, and mixed architecture networks, for analog and digital voice, data and video applications.

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.

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