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News Release

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## **TELEFONICA O2 CZECH REPUBLIC WILL DEPLOY OFS' ACCURIBBON® DUCSTSAVER® & DUCTSAVER FX CABLES WITH ALLWAVE® FLEX 24 AND 12 RIBBONS**

**Prague, Czech Republic, June 2, 2009** - OFS, designer, manufacturer and supplier of leading edge fiber optic network products announced today that the Telefónica O2 Czech Republic, the telecommunication incumbent in the Czech Republic, will deploy OFS' high fiber ribbon optical cable, AccuRibbon® DuctSaver® cable, in their metropolitan networks and DuctSaver FX cable in their long haul network.

OFS' 576-fiber DuctSaver optical cable will give O2 the flexibility to help solve capacity demands of their business customers. 144-fiber DuctSaver FX optical cable will serve as a basis for high capacity demand created predominately by the rapid growth of subscriptions for O2's successful ADSL based services.

O2 decided 6 years ago to switch their fiber optic access network from individual fibers to ribbons, but right now they are also starting to use 12 and 24 fibers ribbons in their long haul and metro networks. "Faster installation, lower deployment costs and rapid repairs are very important points of why we decided to use long-proven OFS ribbon technology," said Mr. Antonín Danek, Director for Transmission Networks.

The AccuRibbon DuctSaver and DuctSaver FX products are small form ribbon cables designed to offer several advantages over conventional general-purpose OSP cables including:

- Maximization of duct space utilization with high packing density cables
- Efficiencies and excellent performance offered by mass fusion splicing

- Efficient closure and fiber management system

AccuRibbon DuctSaver is a high fiber count ribbon cable with up to 864 fibers in 24 fiber ribbons. This 576 fiber cable will be supplied with OFS' AllWave® *FLEX* ZWP fiber, a highly optimized single-mode design that combines the strengths of the original Bell Labs bend-insensitive fiber design with the industry leading AllWave ZWP performance. Telefónica O2 Czech Republic decided last year to use this fiber-type based on several key design advantages over standard matched clad single-mode fiber:

- Zero Water Peak for full spectrum CWDM applications
- Excellent fiber geometries leading to better splice performance
- Industry leading Polarization Mode Dispersion (PMD)
- G652.D compliant

“Having used depressed clad fiber since 1992, we understand the advantages of this fiber-type very well. AllWave *FLEX* ZWP fiber with its excellent bending performance, very low loss across the full usable spectrum of wavelengths from 1260 to 1625 nm and low splicing loss, is currently the optimum fiber for our network,” continued Mr. Danek.

### **About Telefónica O2 Czech Republic**

Telefónica O2 Czech Republic is a major integrated operator in the Czech Republic. It is now operating more than seven million lines, both fixed and mobile, making it one of the world's leading providers of fully converged services. The organization offers the most comprehensive portfolio of voice and data services in this country. It is paying special attention to the exploitation of the growth potential, particularly in the data and Internet sector. Telefónica O2 Czech Republic operates the largest fixed and mobile network including a 3rd generation network, CDMA (for data), and UMTS, enabling voice, data and video transmission. Telefónica O2 Czech Republic is also a notable provider of ICT services.

Telefónica O2 Czech Republic is part of Telefónica Europe in a business division of

Telefónica comprising mobile, fixed, and DSL operations in the UK, Ireland, the Isle of Man, Germany, the Czech Republic, and Slovakia.

## **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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