

## **OFS MAKES BEND INSENSITIVITY STANDARD FOR ALL EMEA OUTSIDE PLANT CABLES**

*AllWave® + FIBRE BENDS AND SPLICES SEAMLESSLY  
FOR FTTX, METROPOLITAN, AND BACKHAUL NETWORKS*

**FTTH Europe, Stand S6, Warsaw, Poland, 11. February 2015** - OFS, a leading designer, manufacturer and supplier of innovative fibre optic network products announces in the course of 2015 AllWave® + Zero Water Peak (ZWP) Single-Mode Optical fibre will become its standard fibre in MiDia®, MiDia® FX and MiDia GX microcables sold into Europe, Middle East and Africa.

“We have seen our service provider customers deploying more small form factor cable designs in the FTTx, FTTH, and mobile backhaul while extending the operating window to longer bend sensitive wavelengths between 1490 to 1625 nm,” said Pierre Marty, Executive Vice President Sales and Marketing for OFS. “OFS has developed AllWave + fibre to meet the increased complexity of these installations.”

“Full-spectrum G.657A1 AllWave+ fibre will allow our customers to experience all the benefits of our AllWave fibre with the added features of smaller bend radius, lower bend loss and improved PMD performance. With a standard mode field diameter, AllWave+ fibre provides exceptional bend performance and low splice loss to standard G.652D fibres making it a high performing G.657A1 fiber without sacrificing backward compatibility.”

### **About AllWave+ fibre**

AllWave+ fibre, a full-spectrum fibre that can bend to the demands of FTTx, Metro, and Backhaul networks, offers the same exceptional performance and specifications as OFS' award winning AllWave fibre, with added features including a 40% smaller bend radius, 50% lower bend loss, and 33% improved polarization mode dispersion (PMD), whilst maintaining a 9.2 micron nominal mode field diameter to minimize splice loss to existing single-mode fibres.

AllWave+ fibre is a combination ITU-T G.652.D and G.657.A1 compliant fibre that can prevent network disruptions from inadvertent fibre bending that can occur in closures or terminals, and enables smaller cable packaging to help ease cable handling and lower cable installation costs. With full spectrum performance, lower bending loss, and complete compatibility with the embedded single-mode fibre base, AllWave+ fibre enables cost-effective solutions to help maximize return on investment.

AllWave+ fibre has stable and permanent low loss, due to OFS' patented ZWP fibre manufacturing process, which eliminates hydrogen-aging defects. Taking it even further, this new fibre's ultra-low fibre Polarization Mode Dispersion (PMD) enables speed and distance upgrades.

## **About OFS**

OFS is a world-leading designer, manufacturer and provider of optical fibre, optical fibre 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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