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News Release

FURUKAWA ELECTRIC CO. LTD. AND OFS Fitel, LLC LAUNCH PHASE STABILIZED OPTICAL CABLE

January 24, 2011 Avon, CT - Furukawa Electric Co., Ltd. (FEC), and the U.S.-based Specialty Photonics Division of OFS Fitel, LLC (OFS SPD), are pleased to announce the US launch of “Phase Stabilized Optical Fiber” (PSOF) Cable, used for transmitting base band signals in synchronized measurement systems. These complex systems have application in the fields of astronomy, linear particle acceleration, quantum mechanics and phased array antenna. The PSOF is designed with standard size and optical performance (in compliance with the ITU – T G652) but is buffered with “liquid crystal polymer”, a material with negative thermal expansion coefficient. This allows the PSOF cable to minimize the temperature dependence of transmission delay time

“PSOF has a propagation delay temperature coefficient roughly 15 times better than standard optical fibers,” states Cathy Ciardiello, OFS SPD Market Manager for Government, Aerospace & Defense. “This improvement in performance translates to a thermal stability of propagation time of $= 5\text{ps/km/}^\circ\text{C}$ over the temperature range of 0°C to 35°C .” The cable is constructed with aramid strength members and an outer PVC jacket with a diameter of 2.8mm.

The enhanced stability over temperature offered by PSOF means designers of synchronized measurement systems can now take advantage of the many benefits of using optical fiber vs coaxial cable, such as low noise, low attenuation, and electromagnetic immunity (EMI).

About Furukawa Electric Company, Ltd.

Furukawa Electric Co. Ltd. (www.furukawa.co.jp/english) is an \$11 billion global leader in the design, manufacture and supply of fiber optic products, network products, electronics components, power cables, nonferrous metals, and other advanced technology products. Headquartered in Tokyo, Japan, Furukawa operates production facilities on five continents around the globe, including OFS and the OFS, Specialty Photonics Division, in the USA.

About OFS, Specialty Photonics Division

OFS, Specialty Photonics Division, is an industry leader in optical fiber design or modification for highly specialized or customized applications. It supplies advanced optical fibers, including specialty multimode, specialty single-mode, rare-earth doped, polarization-maintaining and other nonstandard fibers. It also manufactures specialty cables and connectors, and other specialty products, such as high-power laser components. For more information about the Specialty Photonics Division, please visit:

www.SpecialtyPhotonics.com

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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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