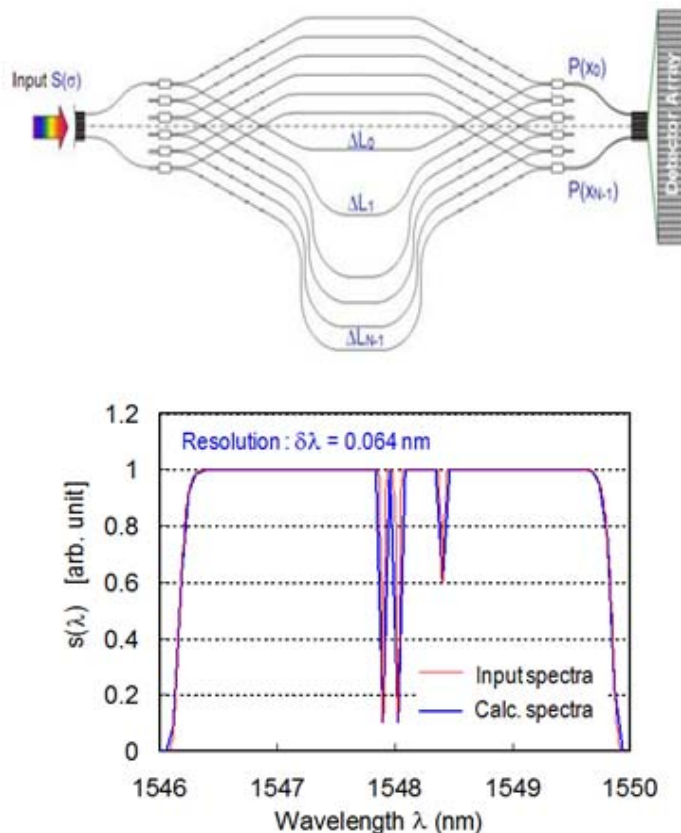


AiDi develops FISH for environmental and bio sensing applications



Emeryville, CA, March 12, 2009 – AiDi Corporation has announced the release of its new Fourier-Transform, Integrated-Optic Spatial Heterodyne Spectrometer (FISH) for environmental sensing and health diagnostics. AiDi has been known for its high-quality broadband optical communication products. Using its expertise in planar lightwave circuits (PLC), AiDi enters the optical sensor business by extending the boundaries of the latest technology.

The FISH device utilizes an interferometric Fourier transform technique called Spatial Heterodyne Spectroscopy to measure high resolution optical spectra with high optical throughput. The implementation of the interferometer on a palm-size PLC (Planar Lightwave Circuits) chip offers a number of advantages, such as mass manufacturability, compactness, and easy coupling of light using standard PLC components. Because there are no moving parts, the device is

highly robust and can withstand harsh environments.

There has been a growing need to develop miniature spectroscopic sensors capable of sensing biological and environmental materials on real-time basis. By using Si_3N_4 waveguides, we will be able to develop wearable miniature spectrometers, 1cm x 1cm in size, for health care and environmental monitoring at low cost,” says Dr. Katsunari Okamoto, Chief Technology Officer of AiDi Corporation.

“We will also be able to apply it to 3-dimensional device sensors with this innovative patent-pending technology. We are currently looking for partners in the biotechnology and green environmental technology industries to develop applications for sensor products using the FISH chip as a passive optical core engine,” says Kenzo Ishida, President and CEO of AiDi Corporation. Please contact AiDi directly at sales@aidicorp.com for more information.

AiDi will be presenting FISH at National Institute of Information Communication Technology (NICT) International Symposium on “Challenge to new frontiers in photonic technology,” to be held in Tokyo, Japan on March 13, 2009.

For more information, visit: <http://act.nict.go.jp/lwd/event.html>.

About AiDi Corporation

AiDi Corporation is a global company that offers innovative, high-value, optical communication products and services for PON, metro, and access markets. AiDi leads the way to expanding optical network markets and deployments through improved network efficiency and economics. AiDi has exceptional technical leadership in the industry, providing customers with advanced networking options at a lower total cost of ownership. Optical components from AiDi are remarkably well-suited for harsh environments, as well as highly populated urban centers. All AiDi products are carefully engineered and manufactured to exceed industry standards, resulting in a higher standard for durability and a longer lifetime in the field. The company is privately held, founded by industry pioneers with several U.S. and International Patents Pending. AiDi headquarters is in Japan, with independent operating subsidiaries in China and the United States. All Rights Reserved.

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