



Oclaro™ New Focus™ Photoreceiver Enables Cancer Detection Breakthrough

San Jose, Calif., – June 2, 2009, Oclaro, Inc. (Nasdaq: OCLR), has announced that its New Focus™ 2117 photoreceivers are underpinning an award winning breakthrough cancer detection system developed by scientists from Japan's Kitasato University. This unique optical demultiplexed (OD) optical coherence tomography (OCT) medical imaging system, received the 'Customer Application of the Year' Award from National Instruments. It delivers faster, more accurate tissue analysis with minimal stress on the patient when compared to existing techniques.

The OD-OCT system incorporates 256 custom-designed New Focus 2117 photoreceivers enabling the high-speed gathering and interpretation of data, with the optical demultiplexers simultaneously collecting an entire interferogram at different frequencies, instead of accumulating it over a certain time period. The high gain and low noise features of the New Focus detectors are critical in detecting low light level signals and generating high contrast images for accurate analysis. The New Focus photoreceiver is the market's only available 10 MHz balanced detector with adjustable gain and bandpass filters, and offers flexibility and fine control of detectors not available in competing products.

"With the innovative Oclaro New Focus balanced photoreceivers, which enabled our system to detect the 256 narrow spectrum bands of low light levels, our team at Kitasato University was able to create the fastest OCT system in the world, achieving a 60 MHz axial scan rate," said Prof. Kohji Ohbayashi, Kitasato University, Center for Fundamental Sciences.

Yves LeMaitre, General Manager of the Advanced Photonic Solutions division at Oclaro, said: "We have been manufacturing and selling the New Focus balanced detectors and photoreceivers for over ten years and have the expertise to customise our products to meet the exact requirements of such demanding applications. We are proud to be involved in this breakthrough development and congratulate Prof. Ohbayashi and his team on their achievements."

New Focus photoreceivers and detectors are available at www.newfocus.com or by contacting sales@newfocus.com.



Image Caption: The OD-OCT System designed at Kitasato University



About Oclaro

Oclaro, with headquarters in San Jose, California, is a tier 1 provider of high performance optical components, modules and subsystems to the telecommunications market, and is one of the largest providers to metro and long haul network applications. Oclaro, the result of the combination of Bookham, Inc. and Avanex Corporation, leverages proprietary core technologies and vertically integrated product development to provide its broad customer base with cost-effective and innovative optical solutions. The company's Advanced Photonics Division is chartered with driving Oclaro's diversification and growth into new markets, leveraging Oclaro's strong brand, chip design and manufacturing expertise. Oclaro is a global company, with leading chip fabrication facilities in the U.K., Switzerland and Italy, and manufacturing sites in the US, Thailand and China.

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About New Focus

New Focus, an Oclaro brand, is a leading name in the provision of photonics solutions for demanding semiconductor, life science, industrial, scientific, and other applications. New Focus products include high-performance lasers, modulators, detectors, high-resolution actuators, optomechanics and optics for precision measurement and processing.