



Oclaro Announces Qualified 40-Gigabit RZ-DQPSK Transponder

SAN JOSE, Calif., March 17, 2010 /PRNewswire via COMTEX News Network/ -- Oclaro, Inc. (Nasdaq: OCLR), a provider of optical components, modules and subsystems to the telecom industry, today announced it's first 40G RZ-DQPSK Indium Phosphide based transponder qualified to Telcordia standards. Delivering high-performance in a low-cost, 300 pin Multi-Source Agreement (MSA) platform, the new TL9040 transponder modules are currently shipping to tier-one customers for next generation field deployments.

"Our new 40G transponders demonstrate Oclaro's commitment to continually increase the bandwidth and functionality of the network while reducing costs to the end-user," said Paul Johnson, 40G Modules Product Line Manager at Oclaro. "By incorporating our highly-successful Indium Phosphide technology into an Industry MSA footprint, we have been able to achieve substantial cost reductions and, at the same time, increase the overall performance of the system."

About the TL9040 Transponder Module

Oclaro's new multi-rate adaptable 43Gbps RZ-DQPSK transponder is a long reach, 300-pin transponder module suitable for wideband tunable, C-band applications requiring -150ps/nm to +150ps/nm dispersion tolerance in noise loaded link applications, offering a significant OSNR improvement over legacy DPSK systems designed around a 50GHz channel spacing.

The new 40G transponders are the latest addition to Oclaro's complete portfolio of products that power the metro / regional infrastructure of the network. To ensure the highest level of reliability, the Oclaro 40G transponders have undergone rigorous testing to Telcordia standards, including 2000 hours of active endurance, damp heat, temperature cycling, and shock and vibration testing.

By choosing the RZ-DQPSK format combined with Oclaro's expert utilization of Indium Phosphide technology, Oclaro is able to set a new standard in performance, features and cost for 40G transponders. Oclaro's customers are able to exploit the power of vertical integration which allows differentiation of features at the chip level and drives cost disruption.

About Oclaro

Oclaro, Inc., with headquarters in San Jose, Calif., is a tier-one 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. The company, formed on April 27, 2009 following the combination of Bookham, Inc. and Avanex Corporation, leverages proprietary core technologies and vertically integrated product development to provide its customers with cost-effective and innovative optical devices, modules and subsystems. Oclaro serves a broad customer base, combining in-house and outsourced manufacturing to maximize flexibility and drive improved gross margin. Its photonic technologies also serve selected high-growth markets, including industrial, defense, life sciences, medical and scientific, with diversification providing both significant revenue streams and strategic technological advantage. The company also provides a complete family of wavelength selective switches (WSS) capable of powering reconfigurable optical add/drop multiplexer (ROADM) applications over the entire optical network, from the edge to the core.

Oclaro is a global company, with cutting-edge chip fabrication facilities in the U.K., Switzerland and Italy, and in Tucson, Ariz. during the transition of related activities to Europe, and manufacturing sites in the U.S., Thailand and China.

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