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EMCORE Introduces Dual micro-ITLA Tunable Laser for Coherent Optical Networking Applications

ALBUQUERQUE, N.M., Sept. 22, 2014 (GLOBE NEWSWIRE) -- EMCORE Corporation (Nasdaq:EMKR), a leading provider of compound semiconductor-based components and subsystems for the fiber optics and space solar power markets, announced today the introduction of the Dual micro-Integrable Tunable Laser Assembly (ITLA) for the coherent market, which has begun customer sampling for qualification. EMCORE expects the Dual micro-ITLA to be commercially available in the first calendar quarter of 2015.

The Dual micro-ITLA integrates EMCORE's proprietary cooled External Cavity Laser (ECL) technology in a new smaller package that offers all the benefits of the micro-ITLA in a form-factor that requires 25% less space than two single micro-ITLA's combined, while delivering the same level of performance. EMCORE's ECL ITLA technology has been the most widely-used tunable laser source for high-speed 100 and 400 gigabit per second (Gbps) coherent transmission systems, thanks to its narrow linewidth, low noise and excellent frequency accuracy. The smaller form-factor and reduced power consumption of the new Dual micro-ITLA enables customers to design even higher densities into their coherent systems.

"We are extremely pleased to launch this new addition to our tunable laser product family following the success of the ITLA and micro-ITLA, which have achieved dominant market positions for coherent optical networking applications," commented Dr. LC Chiu, Executive Vice President and General Manager of EMCORE's Fiber Optics Division. "Over 300,000 ITLAs and micro-ITLAs combined have been deployed in the field, carrying live traffic over the most advanced high-speed coherent networks in the world. The new Dual micro-ITLA continues our leadership in tunable laser technology for demanding high-performance telecom applications," added Dr. Chiu.

"The Dual micro-ITLA leverages the advanced performance capabilities of the micro-ITLA and enables even higher integration levels, while continuing to provide our customers a highly-differentiated tunable laser platform," said Jaime Reloj, EMCORE's Vice President of Business Development. "EMCORE is the industry leader in tunable lasers for the coherent market. The new Dual micro-ITLA will extend that leadership in 100 and 400 Gbps transmission systems, and to future networks needs as well," added Reloj.

The Dual micro-ITLA is configurable for specific customer applications and comes with a standard ITLA RS-232 digital user interface for convenient technology-independent control of the product. Additional standard features include a grid-agnostic channel plan, off-grid tuning, and in-operation power and frequency adjustment capability.

EMCORE will be meeting with customers and industry analysts at ECOC 2014 in Cannes, France at the Hotel Gray D'Albion, September 22-23.

About EMCORE

EMCORE Corporation offers a broad portfolio of compound semiconductor-based products for the fiber optics and space solar power markets. EMCORE's Fiber Optics business segment provides optical components, subsystems and systems for high-speed telecommunications, Cable Television (CATV) and Fiber-To-The-Premise (FTTP) networks, as well as products for satellite communications, video transport and specialty photonics technologies for defense and homeland security applications. EMCORE's Solar Photovoltaics business segment provides products for space power applications including high-efficiency multi-junction solar cells, Covered Interconnect Cells (CICs) and complete satellite solar panels. For further information about EMCORE, visit <http://www.emcore.com>.

Forward-looking statements:

The information provided herein may include forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934, as amended. Such statements include statements regarding EMCORE's expectations, goals or intentions, including, but not limited to, financial performance, production schedules, expected customer sales, product features and their benefits, product quality and product performance. These forward-looking statements are based on management's current expectations, estimates, forecasts and projections about EMCORE and are subject to risks and uncertainties that could cause actual results and events to differ materially from those stated in the forward-looking statements. Risks and uncertainties that could cause EMCORE's actual results to differ from those set forth in any forward-looking statement are discussed in more detail in EMCORE's SEC filings available at www.sec.gov, including under the headings "Risk Factors" and "Management's Discussion and Analysis of Financial Condition and Results of

Operations." Forward-looking statements contained in this press release are made only as of the date hereof, and EMCORE undertakes no obligation to update or revise the forward-looking statements, whether as a result of new information, future events or otherwise.

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