EMCORE Corporation Announces Expansion of ClearLight™ Tunable Laser Technology Platform With New micro-ITLA

ALBUQUERQUE, NM--(Marketwire - March 19, 2010) - EMCORE Corporation (NASDAQ: EMKR), a leading provider of compound semiconductor-based components and subsystems for the fiber optic and solar power markets, today announced the expansion of its Telecom DWDM product portfolio empowered by the ClearLight™ proprietary tunable external cavity laser (ECL) technology platform, with the introduction of the new micro-ITLA (Integrable Tunable Laser Assembly).

EMCORE's micro-ITLA is specifically designed to meet the needs of 40 and 100 Gb/s (gigabits per second) line-cards and transponders. Its features include narrow linewidth, low noise, frequency fine tune and high output power, while providing the full functionality of the ITLA multi-source agreement (MSA) in a quarter-size form factor and with half the power consumption. This next step in product density is made possible by EMCORE's ClearLight™ technology which builds upon several generations of EMCORE's industry-leading tunable products, having over 500 million total field hours. Heino Bukkems, Product Line Manager for the micro-ITLA, stated, "The EMCORE ECL laser has always been the device of choice for next-generation 40 and 100 Gb/s systems. The size-reduced micro-ITLA enables the emergence of smaller 40 and 100 Gb/s transponders. Our experienced engineering team and a deep understanding of our core technology have made this highly differentiated product possible."

The new micro-ITLA is the third product empowered by EMCORE's ClearLight™ technology, joining the tunable TOSA and tunable XFP products announced last year. Rob Stone, Marketing Director of EMCORE's Fiber Optics Division, stated, "The modularity and flexibility of our technology platform enables a wide array of product variants and next generation enhancements simply through the substitution of a few standard components. We can then integrate our ClearLight™ optical engines at different levels, all the way from TOSA and laser assemblies, to transceivers and transponders to meet the specific needs of our customers."

EMCORE will be conducting demonstrations of the new micro-ITLA at the Optical Fiber Communication Conference and Exposition (OFC) in San Diego on March 23-25 2010.

For more information, visit EMCORE at www.emcore.com.

About EMCORE:
EMCORE Corporation is a leading provider of compound semiconductor-based components and subsystems for the broadband, fiber optic, satellite and terrestrial solar power markets. EMCORE's Fiber Optics segment offers optical components, subsystems and systems that enable the transmission of video, voice and data over high-capacity fiber optic cables for high-speed data and telecommunications, cable television (CATV) and fiber-to-the-premises (FTTP) networks. EMCORE's Solar Power segment provides solar products for satellite and terrestrial applications. For satellite applications, EMCORE offers high- efficiency compound semiconductor-based gallium arsenide (GaAs) solar cells, covered interconnect cells and fully integrated solar panels. For terrestrial applications, EMCORE offers concentrating photovoltaic (CPV) systems for utility scale solar applications as well as offering its high-efficiency GaAs solar cells and CPV components for use in solar power concentrator systems. For specific information about our company, our products or the markets we serve, please visit our website at http://www.emcore.com.

Safe Harbor:
Statements in this press release that are not historical facts, and the assumptions underlying such statements, constitute "forward- looking statements" and assumptions underlying "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 and involve a number of risks and uncertainties, including (a) the failure of the products mentioned (i) to perform as expected without material defects, (ii) to be manufactured at acceptable volumes, yields, and cost, and (iii) to be successful under field conditions, (b) the failure of the products to be selected by prospective customers for large-scale deployment and © the ability of the Company's customers to achieve their own business goals and objectives. Readers should also review the risk factors set forth in EMCORE's Annual Report on Form 10-K for the fiscal year ended September 30, 2009. These forward-looking statements are made as of the date hereof, and EMCORE does not assume any obligation to update these statements.

Contact:

EMCORE Corporation
Silvia M. Gentile
Executive Offices
(505) 323-3417

info@emcore.com

TTC Group
Victor Allgeier
(646) 290-6400
vic@ttcominc.com