



EMCORE Corporation Announces New Tunable TOSA 10 Gb/s Optical Component Platform

ALBUQUERQUE, NM --(March 24, 2009) - EMCORE Corporation (NASDAQ: EMKR), a leading provider of compound semiconductor-based components and subsystems for the fiber optic and solar power markets, today announced its plans to release a new full-band tunable TOSA (transmit optical sub-assembly) product line.

The Tunable TOSA product line combines EMCORE's field proven tunable External Cavity Laser technology with a co-packaged Mach-Zehnder modulator, empowering the next generation of ultra-high-density 10 Gb/s tunable interfaces. The Tunable TOSA provides excellent optical performance while tuning across more than 90 channels on the 50GHz ITU grid. With its low power consumption, the EMCORE Tunable TOSA is compatible with existing XFP module and line-card requirements. The Tunable TOSA also boasts optical performance similar to existing solutions using discrete tunable laser and external lithium-niobate modulator. EMCORE believes this will allow for the migration of existing 300-pin MSA modules to new smaller and pluggable form-factors.

Stephen Krasulick, Vice President and General Manager of EMCORE's Fiber Optics Division, stated, "Increased density and flexibility are key requirements all the way up the value-chain, translating to reductions in both capital and operation expenditures at the carrier level. The EMCORE Tunable TOSA will be the optical engine that delivers these benefits into the 10 Gb/s DWDM market."

EMCORE is conducting private demonstrations of its new Tunable TOSA technology at the Optical Fiber Communication Conference and Exposition (OFC) in San Diego on March 24-26. EMCORE plans to begin early sampling to lead customers within the first half of 2009.

For more information, visit our website 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 unit 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 unit 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 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, 2008. These forward-looking statements are made as of the date hereof, and EMCORE does not assume any obligation to update these statements.

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