



July 16, 2012

EMCORE Announces J-Type Medallion 6000 1550 nm CATV Transmitter and Next-Generation Software Services Platform at the Japan Cable Tech Show

ALBUQUERQUE, N.M., July 16, 2012 (GLOBE NEWSWIRE) -- 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 addition of the J-Type Medallion 6000 to the Company's 1550 nm Cable Television (CATV) fiber optic transmitter product portfolio.

EMCORE's new J-Type Medallion 6000 series of externally modulated transmitters has been developed specifically for Japan and other markets requiring long distance and concurrent fiber optic transport of CATV and Satellite-Intermediate Frequency Signals (SAT-IF). The J-Type Medallion 6000 supports industry-leading operational bandwidths up to 2.8 GHz with adjustable SBS (Stimulated Brillouin Scattering) suppression range from 11 to 17 dBm, plus extended adjustable AGC (Automatic Gain Control), and very high OMI (Optical Modulation Index) for exceptional link performance. In parallel, EMCORE is announcing the next-generation WEB GUI and Simple Network Management Protocol (SNMP) software service offering for the entire Medallion 6000 platform. The new WEB GUI and SNMP interfaces offer many new advanced capabilities to serve the evolving and growing needs of the world's most advanced networks.

The J-Type transmitter's exceptional performance is enabled by EMCORE's proprietary high power, narrow-linewidth CW (Continuous Wave) laser technology. When deployed with one or more EMCORE optical amplifiers, transmissions of 100 km and beyond have been demonstrated. The feature-rich WEB GUI and SNMP enhancements bring a whole suite of advanced operator monitoring and configuration options to the platform, allowing for secure, simplified and future-ready functionality for the next generation of intelligent networks.

"Building upon the strength of our popular Medallion 6000 series, our new J-Type model is the ideal solution for the transmission of CATV and SAT-IF signals over 100 km and beyond," said Grant Olecko, Product Marketing Director at EMCORE Broadband. "The 6000 family of transmitters is also ideal for extending traditional CATV systems including headend consolidation, broadcast transport, and RF overlay for FTTH (Fiber-To-The-Home) PON (Passive Optical Network), and RFoG (Radio Frequency over Glass) projects in countries around the world. This capability allows us to capitalize on a significant and growing market opportunity."

The Medallion 6000 series of CATV transmitters deliver high-quality video with full QAM (Quadrature Amplitude Modulation) loading to 1 GHz for shorter reach and long-haul applications. Monitoring and configuration is supported via a convenient front panel display, an RS-232 port, and an Ethernet port with SNMP, Telnet, and Web GUI. The platform is mechanically designed for flexibility and space efficiency including universal rack-mount features, modular front panel design for private label convenience, and optional front and rear port placement. Dual redundant field-replaceable fans and power supplies are standard.

Network providers are demanding high quality and economical delivery of video to their customers, while extending capacity and improving network management intelligence. EMCORE is well positioned to take advantage of this trend with our advanced portfolio of broadband solutions. The enhanced features and cost-effective designs leveraged from EMCORE's long-established experience in 1550 nm transmitter technology meet the demanding needs of today's CATV networks.

The J-Type Medallion 6000 platform is available for evaluation today. For more information, or private label opportunities, please email catv-sales@emcore.com, or contact your EMCORE representative.

About EMCORE

EMCORE Corporation offers a broad portfolio of compound semiconductor-based products for the fiber optics and 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 both space and terrestrial solar power applications. For space applications, EMCORE offers high-efficiency multi-junction solar cells, Covered Interconnect Cells (CICs) and complete satellite solar panels. For terrestrial applications, EMCORE offers a broad portfolio of Concentrator Photovoltaic (CPV) multi-junction solar cells and components, as well as commercial rooftop solar concentrator systems. 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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