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EMCORE Introduces Medallion Series CATV Erbium Doped Fiber Amplifiers

ALBUQUERQUE, N.M., March 18, 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 Medallion 7000 Series Erbium Doped Fiber Amplifiers (EDFA) for Cable Television (CATV) applications. These new EDFAs extend EMCORE's popular Medallion series rack-mount CATV transmitter portfolio and feature the exceptionally low noise and superior output power stability demanded by CATV operators for modern hybrid fiber coax (HFC) topologies and FTTx networks.

Medallion 7000 Series EDFAs are packaged in a sturdy, lightweight 1RU (7100) and 2RU (7200) housings compatible with industry-standard 19- and 23-inch rack systems. The platform provides very stable optical outputs over a wide operating temperature range. Internally Medallion EDFAs are supported with input and output isolators for enhanced system stability and performance. Optical power is continuously monitored at the input and output for automatic power control during operation.

Based on existing Medallion transmitter system design, Medallion 7000 Series EDFAs offer a rich feature set including remote management capability through SNMP (Simple Network Management Protocol) and Telnet, plus a wide set of configuration options including port count, automatic power and gain control, connector options and integrated per channel WDM (Wavelength-Division Multiplexing) for FTTx PON (Passive Optical Network), or RFoG (Radio Frequency over Glass) applications. They also support MIBs (Management Information Bases) specified by SCTE (Society of Cable Television Engineers) for this product class. The front panel's VFD (Vacuum Fluorescent Display) and controls provide the operator with the option to both monitor the status and operate the amplifier locally.

"We are very excited about the new Medallion 7000 Series EDFAs because they will provide our customers with exceptional performance characteristics to expand the capabilities of their CATV distribution networks, while providing outstanding monitor and control functionality," said Jaime Reloj, Vice President of Business Development for EMCORE. "The series offers a natural combination with EMCORE's Medallion 6000 and 8000 series externally- and directly-modulated CATV transmitters enabling the complete 1550 nm transmission path," added Reloj.

Medallion 7000 Series EDFAs allow flexible configurations with up to 64 SC/APC output ports, high saturation output power up to 38 dBm (pre-splitter), wide input dynamic range, front panel optical input/output monitor ports, and dual redundant hot-swappable AC or DC power supplies.

EMCORE expects to begin shipping the Medallion 7000 Series EDFAs beginning in the second quarter of 2014. Please contact your EMCORE representative for private label opportunities. EMCORE will be exhibiting and meeting with customers and industry analyst at the 2014 CCBN show in Beijing, China in BUPT booth #1A401, March 20-22.

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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