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EMCORE Introduces Simultaneous 10 MHz and L-Band Fiber Optic Links for the Optiva Platform

ALBUQUERQUE, N.M., March 11, 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 Optiva OTS-2L10, 10 MHz / L-Band Fiber Optic Links for Very Small Aperture Antenna (VSAT) signal transport.

VSAT systems provide high-speed, broadband satellite communications for internet or private network communications and are ideal for remote internet connectivity, video transmission, VoIP and emergency back-up communications. VSAT is an excellent way to connect remote offices, media vans or other remote locations to send or receive data.

EMCORE's Optiva OTS-2L10, 10 MHz / L-Band Fiber Optic Links are optimized to provide transparent, simultaneous 10 MHz and L-Band signal transport. The Optiva OTS-2L10 provides excellent isolation of the 10 MHz from L-Band signals at the transmitter and receiver with very low phase noise, which facilitates greater flexibility to locate VSAT antennas for optimum performance. All the connectivity features of coaxial cable are maximized without the penalty of RF loss, which allows the system to dictate the location of the equipment and not the limitations of the coaxial cable.

The Optiva OTS-2L10 is designed with optically-isolated uncooled DFB (Distributed Feedback) lasers that enable high-dynamic-range links with fixed gain up to 10 km. Connection is via 50 Ohm SMA and the OTS-2L10 includes receiver DC output for the BUC upconverter with transmitter and receiver RF power monitoring via LED and SNMP (Simple Network Management Protocol).

"The Optiva 10 MHz / L-Band system is unique in its ability to simultaneously transport the 10 MHz and L-Band signals while keeping them isolated with the low phase noise," said Frank Weiss, EMCORE's Vice President of Advanced Systems. "This allows customers to optimize placement of their VSAT antennas for the best performance and minimal RF loss," added Weiss.

Optiva OTS-2L10, 10 MHz / L-Band Fiber Optic Links fit in Optiva 16, 6- and 2-slot enclosures which support Daisy Chain video, audio, and data links. They are CE & CSA certified and RoHS compliant. For more information on EMCORE's Optiva 10 MHz / L-Band system, visit <http://www.emcore.com/satcom>.

EMCORE will debut its new Optiva 10 MHz / L-Band fiber optic links at Satellite 2014 at the Walter E. Washington Convention Center, Washington, DC in booth #6089.

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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