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EMCORE Introduces 5200 Series 3 and 6.5 GHz Fiber Optic Links for Satellite Communications and Wireless Applications

ALHAMBRA, Calif., Feb. 28, 2017 (GLOBE NEWSWIRE) -- EMCORE Corporation (NASDAQ:EMKR), a leading provider of advanced *Mixed-Signal Optics* products that provide the foundation for today's high-speed communication network infrastructures and leading-edge defense systems, announced today the introduction of the 5200 Series, 3 and 6.5 GHz Fiber Optic Links for satellite communications and wireless applications. The 5200 series are a compact, weatherproof fiber optic transmitter and receiver pair for Inter-Facility Link (IFL) applications where high-performance under demanding conditions is critical. EMCORE will debut its new 5200 series fiber optic links at Satellite 2017, booth #1736, March 7-9 at the Walter E. Washington Convention Center, Washington, DC.

EMCORE's 5200 series fiber optic IFLs provide highly-linear, low-noise operation and function as transparent RF fiber links. They eliminate the limitations of copper systems by enabling longer transmission distance while retaining the highest level of signal quality. In addition, EMCORE's IFLs provide several other significant network advantages, including simplified network design, ease of installation, and immunity from EMI/RFI and lightning.

5200 series transmitter and receiver pairs are available in two frequency range models for tailoring to specific customer requirements. The 5200 3 GHz has frequency response from 20 MHz — 3000 MHz and the 5200 6.5 GHz ranges from 20 MHz — 6500 MHz. The 5200 3 GHz includes 50 ohm SMA and 75 Ohm BNC options with LNB power options of 13 v /18 v / 22 kHz and the 6.5 GHz features 50 ohm SMA. Each model allows for up to four flange-mount modules per 1RU chassis, and both include variable RF gains.

"With bandwidth up to 6.5 GHz and adjustable gain control with high-dynamic-range, our 5200 transmitter and receiver modules are the most versatile microwave link modules in the marketplace," said Dr. Henry Cheung, EMCORE's Senior Product Director for satellite RF fiber optic transport products. "With other optional features including IP66 weatherproof housing and LNB or GPS voltage output, they support a broad range of applications including earth stations, TVRO, VSAT and 5G wireless systems," added Dr. Cheung.

In addition to the 5200 series, EMCORE will showcase its complete line of satellite communications RF transport products at Satellite 2017, featuring the modular Optiva platform and the latest release of the EMCOREView Management & Control Suite. EMCOREView features a new graphical user interface that makes remote monitoring and control of Optiva enclosures and modules simple. Through the utilization of Simple Network Management Protocol (SNMP), the Optiva EMCOREView Controller Card (model OPV-CTLR-IC) operates under a uniform software platform which allows for efficient integration with other devices. It collects data coming from any Optiva enclosure and the Optiva EMCOREView software analyzes and displays the data to the user.

For more information on the 5200 series, the EMCOREView Management & Control Suite and the Optiva platform, please visit us at Satellite 2017, booth #1736, or at www.emcore.com.

About EMCORE

EMCORE Corporation is a leading provider of advanced *Mixed-Signal Optics* products that provide the foundation for today's high-speed communication network infrastructures and leading-edge defense systems. Our optical chips, components, subsystems and systems enable broadband and wireless providers to continually enhance their network capacity, speed and coverage to advance the free flow of information that empowers the lives of millions of people daily. The *Mixed-Signal Optics* technology at the heart of our broadband transmission products is shared with our fiber optic gyros and military communications links to provide the aerospace and defense markets state-of-the-art systems that keep us safe in an increasingly unpredictable world. EMCORE's performance-leading optical components and systems serve a broad array of applications including cable television, fiber-to-the-premise networks, telecommunications, wireless infrastructure, satellite RF fiber links, navigation systems and military communications. EMCORE has fully vertically-integrated manufacturing capability through its world-class Indium Phosphide (InP) wafer fabrication facility at our headquarters in Alhambra, California and is ISO 9001 certified in Alhambra, and at our facilities in Warminster, Pennsylvania and China. For more information, please visit 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 plans, strategies, business prospects, growth opportunities, changes and trends in our business and expansion into new markets. 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, including without limitation, the following: (a) the rapidly evolving markets for EMCORE's products and uncertainty regarding the development of these markets; (b) EMCORE's historical dependence on sales to a limited number of customers and fluctuations in the mix of products and customers in any period; (c) delays and other difficulties in commercializing new products; (d) the failure of new products: (i) to perform as expected without material defects, (ii) to be manufactured at acceptable volumes, yields, and cost, (iii) to be qualified and accepted by our customers, and (iv) to successfully compete with products offered by our competitors; (e) uncertainties concerning the availability and cost of commodity materials and specialized product components that we do not make internally; (f) actions by competitors; and (g) other risks and uncertainties discussed under Item 1A - Risk Factors in our Annual Report on Form 10-K for the fiscal year ended September 30, 2015, as updated by our subsequent periodic reports. 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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