July 29, 2013

EMCORE Launches Medallion 8000 1550 nm Directly-Modulated CATV Transmitter at 2013 Japan Cable Tech Show

ALBUQUERQUE, N.M., July 29, 2013 (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 launch of the Medallion 8000 Series 1550 nm Directly-Modulated DWDM Cable Television (CATV) Transmitter.

The Medallion 8000 is the latest addition to EMCORE's 1550 nm CATV fiber optic transmitter portfolio and is designed for wideband applications that require both CATV and Satellite-Intermediate Frequency (SAT-IF) signals to be transmitted over fiber lengths up to 30 km. This facilitates network designs that use a single transmitter to carry multiple signals, while lowering costs, system complexity and rack space requirements.

The Medallion 8000 supports 79-channel NTSC analog signals and/or a combination of Quadrature Amplitude Modulation (QAM**)** and SAT-IF signals with a reduced number of CATV analog channels. It features fixed fiber length options of 0 — 10 km, 5 — 15 km, 10 — 20 km and 15 — 25 km with a maximum of 18 dBm Stimulated Brillouin Scattering (SBS) suppression, and is also available with a selectable fiber length option. The selectable fiber length option allows the user to set the Medallion 8000 for best optimized CSO (Composite Second Order) distortions at any fiber length from 0 — 30 km in 1 km increments and has a maximum SBS suppression of 20 dBm.

The Medallion 8000 family of transmitter products is designed to support various CATV transmitter applications with a common platform. A 75 ohm CATV RF video input supports frequencies up to 1002 MHz. Design features including low chirp control, noise suppression circuitry, and patented pre-distortion technology that provides outstanding performance with EMCORE'S wide range of cooled broadband directly-modulated lasers. A second 75 ohm RF input supports frequencies up to 2700 MHz for FTTP (Fiber-To-The-Premises), SAT-IF, and wireless applications.

"The new Medallion 8000 directly-modulated transmitter family builds on the strengths of our popular Medallion 6000 externally-modulated series and augments our offering for concurrent transmission of CATV and SAT-IF signals over fiber," said Jaime Reloj, Vice President of Business Development for EMCORE. "Network providers are demanding high-quality, economical delivery of video to their customers, while extending capacity and improving network management intelligence. The Medallion 8000 series transmitters are ideal for extending traditional hybrid fiber coaxial CATV systems, for RF overlay for FTTP, and for RFoG (Radio Frequency over Glass) projects in countries around the world."

Monitoring and configuration of the Medallion 8000 is supported by EMCORE's latest generation Web GUI, Telnet and Simple Network Management Protocol (SNMP) software via a convenient front panel display, RS-232 port, and and Ethernet port. The feature-rich WEB GUI and latest 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. The Medallion 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.

For more information on the Medallion 8000 series 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 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, Coverglass Interconnected 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.

CONTACT: EMCORE Corporation

Jaime Reloj

Vice President Business Development

(510) 896-2126

jaime_reloj@emcore.com

Investor

TTC Group

Victor Allgeier

(646) 290-6400

vic@ttcominc.com