



## **EMCORE Ramps Up Production of 56 Gbps FDR Active Optical Cables**

Albuquerque, New Mexico, November 10, 2011 – EMCORE Corporation (NASDAQ: EMKR), a leading provider of compound semiconductor-based components and subsystems for the fiber optics and solar power markets, announced today that it has ramped up to full-scale production of 56 Gigabits per second (Gbps) Fourteen Data Rate (FDR) active optical cables for high-performance computing, Ethernet router and switch applications. The 56 Gbps FDR cable is the latest in the EMCORE Connects Cables line of high-speed active optical cables produced at EMCORE's contract manufacturing facility in China. EMCORE is the first manufacturer in full-scale production of 56 Gbps FDR active optical cables.

Designed for high-performance computers, telecommunication routers, storage networks, and grid and cloud computing systems, EMCORE's 56 Gbps FDR active optical cables provide the highest aggregated level of data throughput in a compact, lightweight form factor capable of supporting the bandwidth needs of these advanced systems. Each 56 Gbps FDR cable has four 14 Gbps lanes in each direction. These lanes support InfiniBand® FDR data rates and will also run at lower data rates to support 40, 20 and 10 Gbps, as well as 40 Gigabit Ethernet Quad Small Form-factor Pluggable (QSFP) installations.

"EMCORE is the industry leader in active optical cable sales. Our 40 Gbps Quad Data Rate (QDR) cables are currently deployed in two of the top five supercomputers in the world," commented Jaime Reloj, EMCORE's Vice President of Business Development. "By leveraging our next-generation Vertical Cavity Surface Emitting Lasers (VCSEL) and photodetectors, we will continue to advance the technology for high-performance computing applications and demonstrate the same quality, reliability, on-time delivery and competitive pricing our customers have come to expect."

EMCORE Connects Cables offer all the advantages of optical interconnects for high-performance computing at an affordable price. They reduce the installation and maintenance costs of computer clusters, enabling very large clusters and are ideal for building systems based on any architecture that requires long distances and multiple computer nodes in very dense configurations.

For more information on EMCORE Connects Cables including the 56 Gbps FDR active optical cables, please visit <http://www.emcoreconnects.com>.

### **About EMCORE**

EMCORE Corporation offers a broad portfolio of compound semiconductor-based products for the broadband, fiber optics, satellite and solar power markets. EMCORE's Fiber Optic segment offers optical components, subsystems and systems for high-speed data and telecommunications networks, cable television (CATV) and fiber-to-the-premise (FTTP), as well as specialty photonics technologies for defense and homeland security applications. EMCORE's Photovoltaic segment provides products for both satellite and terrestrial applications. For satellite applications, EMCORE offers high-efficiency Gallium Arsenide (GaAs) solar cells, Covered Interconnect Cells (CICs) and panels. For terrestrial applications, EMCORE is adapting its high-efficiency GaAs solar cells for use in 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 the company's expectations, goals or intentions, including, but not limited to, product features and their benefits, product quality and network growth. These forward-looking statements are based on management's current expectations, estimates, forecasts and projections about the company 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 the company's actual results to differ from those set forth in any forward-looking statement are discussed in more detail under "Risk Factors" and "Management's Discussion and Analysis of Financial Condition and Results of Operations" in the company's SEC filings. Forward-looking statements contained in this press release are made only as of the date hereof, and the company 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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