

II-VI Incorporated Unveils the FlexSOM EDFA Platform for Next Generation High Bit Rate Coherent Transceivers

PITTSBURGH, September 7, 2017 (GLOBE NEWSWIRE) – II-VI Incorporated (NASDAQ:IIVI), a leading provider of transceiver-embedded optical amplifiers, today announced the introduction of its new Flexible Structure Optical Module (FlexSOM) Erbium Doped Fiber Amplifier (EDFA) platform designed to enable ultra-compact amplification in next-generation 100, 200 and 400G coherent transceivers.

The fast growth in datacenter buildouts is rapidly increasing the bandwidth requirements on datacenter interconnects and driving the demand for coherent transceivers with higher bit rates and smaller form-factors. II-VI's FlexSOM EDFA is a breakthrough in enabling high performance amplifiers to be custom fit to the narrow spaces within these transceiver modules.

"Our FlexSOM platform was developed in response to our customers' demands to fit high performance EDFA within the challenging form factors of coherent transceivers," said Dr. Sanjai Parthasarathi, Vice President, Product Marketing and Strategy, Optical Communications Group. "We are completing the qualification stage with certain customers and we are ramping up production."

C-band configurations of the FlexSOM platform are released for production and L-band versions are available in sample quantities. The platform greatly facilitates the integration of II-VI's portfolio of products for transceiver-embedded amplifiers, including II-VI's leading edge 3-pin uncooled micro pumps and compact hybrid-passive components. The FlexSOM platform concept and design is covered by multiple granted and pending patents in the U.S. and China.

II-VI at ECOC 2017, Sep. 18-20, 2017, Booth #252

II-VI will showcase new products at ECOC 2017 that are driven by advances in our materials and technology platforms. The product showcase will include differentiated subsystems solutions, highly compact optical amplifier solutions tailored to enable high bit-rate DWDM transceivers, novel embedded monitoring solutions for transport networks, as well as key devices and sub-assemblies for datacenter transceivers.

About II-VI Incorporated

II-VI Incorporated, a global leader in engineered materials and optoelectronic components, is a vertically integrated manufacturing company that develops innovative products for diversified applications in the industrial, optical communications, military, life sciences, semiconductor



Press Release

equipment, and consumer markets. Headquartered in Saxonburg, Pennsylvania, the Company has research and development, manufacturing, sales, service, and distribution facilities worldwide. The Company produces a wide variety of application-specific photonic and electronic materials and components, and deploys them in various forms, including integrated with advanced software to enable our customers. For more information, please visit us at www.ii-vi.com.

CONTACT: Mark Lourie
Dir. Corporate Communications
mark.lourie@ii-vi.com
www.ii-vi.com

#