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Applied Optoelectronics Announces 40 Gbps Light Engines

SUGAR LAND, Texas, March 23, 2015 (GLOBE NEWSWIRE) -- Applied Optoelectronics, Inc. (Nasdaq:AAOI), a leading provider of fiber-optic access network products for the internet datacenter, cable TV broadband, and fiber-to-the-home markets, today announced availability of a new 40 Gbps light engine, designed for datacenter applications.

"AOI has a long history of innovation in advanced optical technologies," commented Dr. Fred Chang, AOI's Senior Vice President of Optical Components. "These new 40 Gbps light engines utilize our internal laser diode production capacity and our advanced, patent-pending, optical assembly designs. Manufacturing these advanced high-speed light engines at our factories in Asia will help ensure we deliver performance and reliability to our customers at a compelling cost advantage."

The light engines are designed to be incorporated within 40 Gbps QSFP+ transceivers utilizing Multi-Fiber Push-On "MPO" optical connectors. They are available with either 1310-nm FP or DFB laser diodes, for transmission distances of 2-km up to 10-km at data rates up to 10.3125 Gbps per lane. They are designed to operate from -5°C to +75°C.

Both types are currently in production and samples are available upon request.

See AOI at OFC

AOI will be exhibiting at the Optical Fiber Communications Conference (OFC) in Los Angeles, CA March 24-26. The company's booth is #1333.

About Applied Optoelectronics

Applied Optoelectronics, Inc. (AOI) is a leading developer and manufacturer of advanced optical products, including components, modules and equipment. AOI's products are the building blocks for broadband fiber access networks around the world, where they are used in the internet datacenter, CATV broadband and fiber-to-the-home markets. AOI supplies optical networking lasers, components and equipment to tier-1 customers in all three of these markets. In addition to its corporate headquarters, wafer fab and advanced engineering and production facilities in Sugar Land, TX, AOI has engineering and manufacturing facilities in Taipei, Taiwan and Ningbo, China.

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