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## Applied Optoelectronics Announces Immediate Availability of 10km 100G QSFP28 Modules

SUGAR LAND, Texas, Feb. 22, 2017 (GLOBE NEWSWIRE) -- Applied Optoelectronics, Inc. (NASDAQ:AAOI), a leading provider of fiber-optic network products for the internet datacenter, cable broadband, fiber-to-the-home and telecom markets, today announced the immediate availability of 100G QSFP28 10km transceivers based on the 4WDM-10 MSA specification.

The new product family supports hyperscale datacenters, datacenter interconnects, and backhaul applications for metro and mobile networks. The modules consume less than 3.5W of power and support 100Gbps transmission over 10km duplex single-mode fiber. The modules are based on the same CWDM wavelength grid as existing 100G QSFP28 CWDM4 2km modules, and are interoperable with CWDM4-compliant modules up to 2km. The transceivers leverage AOI's industry-leading manufacturing capacity and vertical integration, with in-house 25G laser diodes, light engine packaging, and module production.

The new modules are important to hyperscale datacenter operators who need solutions to extend interconnect distances beyond 2km, a realm that had previously been served by more expensive solutions relying on coherent optics or other specialized designs. By enabling longer distances while still being interoperable with shorter distance modules, this solution reduces cost and simplifies network planning.

"We are very proud to extend our already-broad 100G portfolio to 10km applications, bringing our low-cost and vertically-integrated solutions not only to intra-datacenter, but also datacenter interconnect and backhaul applications," commented Dr. Fred Chang, AOI's senior vice president. "The 4WDM MSA is on the leading edge of the industry's evolving needs in these areas, and we are excited to be part of it."

### 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, fiber-to-the-home and telecom markets. AOI supplies optical networking lasers, components and equipment to tier-1 customers in all four 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. For additional information, visit [www.aoi-inc.com](http://www.aoi-inc.com).

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