



## Applied Optoelectronics Announces 400G Short Reach Transceiver

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SUGAR LAND, Texas, April 18, 2019 (GLOBE NEWSWIRE) -- Applied Optoelectronics, Inc. (Nasdaq: AAOI), a leading provider of fiber-optic access network products for the internet datacenter, cable broadband, telecom and fiber-to-the-home markets, today announced initial sample availability of 400G SR8 high-speed optical transceivers.

AOI's 400G SR8 transceiver utilizes PAM-4 encoding to deliver 50 Gbps data throughput on each of 8 separate multi-mode optical channels. Utilizing low-cost Vertical Cavity Surface Emitting Laser (VCSEL) technology, the 400G SR8 transceivers are cost-effective solutions for interconnecting switches within the data center over distances up to 70 meters over OM3 fibers. As large datacenter operators begin to implement switches with net throughput of 12.8 Tbps, 400G optical transceivers are expected to be needed in larger quantities.

Features of these transceivers include:

- QSFP-DD type1 form factor
- Compliant with IEEE 802.3cd 200GBASE-SR4 and IEEE 802.3bs/400GAUI-8
- Compliant with the latest Common Management Interface Specification
- Available in both MPO16 and MPO24 optical connector types

"The newly-announced 400G SR8 transceivers are a great complement to our line of intermediate-reach data center transceivers," commented Claire Szuma, AOI's Senior Sales Manager. "Our large data center customers need solutions that cover distances as short as a few meters, for example within a single electronics rack, to several kilometers. Our growing product line of 400G products is designed to meet these customer needs, with the most cost effective solution for each use case."

The 400G SR8 transceivers add to AOI's previously-announced 400G product family, which includes Onboard Optics (OBO) modules as well as Active Optical Cables (AOCs).

The new devices are currently available for sampling, with volume production expected in the third quarter of 2019. For more information, including pricing, please contact the AOI sales team at [sales@ao-inc.com](mailto:sales@ao-inc.com).

### 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, telecom and FTTH 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.ao-inc.com](http://www.ao-inc.com).

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