**Fiber Optic Transceivers**

**Features**

- Comprehensive product range of Semiconductor Lasers and Photodiodes with bandwidth of up to 4GHz.
- High output power with wide dynamic range over temperature performance. C-temp and I-temp versions.
- CWDM and DWDM including I-temp versions.
- AOI delivers vertically integrated products. AOI designs and manufactures lasers at our fab facility in Houston, Texas.

**Applications**

Fiber optic networks are at the heart of any modern communications infrastructure. The ever-growing demand for higher capacity and speed require network operators to have clear and cost effective migration strategies to accommodate these demands. The industry created the MSA transceiver form factors that enable both customers and vendors to provide standard optical interfaces for the datacom and telecommunication worlds. While the passive optical components typically remain unchanged during the upgrade of the various LAN, Core, Metropolitan, Short Haul and Long Haul infrastructures, Optical Transceivers like SFP, SFP+, QSFP+, for single channel, CWDM and DWDM optical data links are evolving at a very high pace, increasing their data link speeds, improving performance, expanding distance and protocol options and enhancing reliability.

**About AOI**

AOI designs, develops, and manufactures advanced optical semiconductor devices, and packaged optical components. These products are used in fiber optic communications equipment for FTTX (Fiber-to-the-precincts, curb, business, and home), point-to-point telecom, datacom, access networks, wireless communication systems, cable television (CATV), direct broadcast satellite (DTH/DBS) and wireless network infrastructure.

AOI is a vertically integrated company with a state-of-the-art semiconductor component fab at our USA Headquarters near Houston, TX. AOI’s global presence, with facilities in Taiwan and China, provides its customers with a high degree of manufacturing integration, delivering high quality superior performance products, with fast lead times at a competitive cost.