



PRESS RELEASE

## **AiDi Splitters: “Super” Low-Loss Patent Approved**

Emeryville, CA, June 19, 2008 – AiDi USA, Inc. has announced today that the U.S. Patent and Trademark Office has approved the issuance of a patent No. 7,330,620 for the company’s low-loss funnel-type PLC optical splitter with input cladding mode absorption structure and/or output segmented taper structure, filed on February 16, 2007.

This funnel-type splitter with a cladding mode absorption region provides “super” low-loss splitter performance, when considering both insertion loss and polarization dependent loss (PDL). Advantageously, the disclosed funnel-type PLC splitter does not require a quartz substrate due to its very low PDL. Thus, this approach is not only applicable to PLCs fabricated on quartz wafers, but silicon wafers and potentially other low cost materials as well. Silicon substrates are known to be both lower in cost, and more robust due to a higher resistance to fracture.

“AiDi Corporation maintains continuous efforts to reduce cost, while pushing the envelope in performance,” says Kenzo Ishida, President and CEO of AiDi Corporation. “This patent is a prime example of that effort because it achieves both goals simultaneously. We remain committed to our highly focused new technology development program, which enables us to meet the constantly evolving needs of our customers.”

This “super” low-loss design is already being used in AiDi Corporation’s 1x32 and 1x64 quartz wafer splitters. AiDi Corporation is currently in the final stages of testing its first silicon splitter.

### **About AiDi Corporation**

AiDi Corporation is a global company that offers innovative, high-value, Passive Optical Network (PON) products and service. AiDi leads the way to expanding optical network markets and deployments through improved network efficiency and economics. AiDi has exceptional technical leadership in the industry, providing customers with advanced networking options at a lower total cost of ownership. PON components from AiDi are remarkably well suited for harsh environments, as well as highly populated urban centers. All AiDi products are carefully engineered and manufactured to exceed industry standards, resulting in a higher standard for durability and a longer lifetime in the field. The company is privately held, founded by industry pioneers with several U.S. and International Patents Pending. AiDi headquarters is in Japan, with independent operating subsidiaries in China and the United States. All Rights Reserved.

Contact: Erina Ishida, Corporate Communications, AiDi USA, Inc., [erina.ishida@aidicorp.com](mailto:erina.ishida@aidicorp.com), 1250 45<sup>th</sup> Street, Suite 355, Emeryville, CA 94608