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DILAS Delivers New High Brightness 1470 nm Conduction Cooled, Fiber Coupled Module

*High Brightness Fiber Coupled Addition
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Mainz, Germany, January 23, 2007 – DILAS, a world leader in high power semiconductor lasers has expanded its comprehensive family of conduction cooled fiber coupled modules by introducing the new high brightness 1470 nm, single wavelength, fiber coupled module that produces up to 80W CW from a very compact package.

This high brightness, compact, cost-effective packaging design results in power levels of 12W, 40W and 80W, based on a single bar or multi-bar fiber coupled diode laser modules. This makes the 1470 nm fiber coupled module an ideal tool for various applications in the aviation, medical and material processing markets.

Efficient fiber coupling as small as 400 micron with a numerical aperture of 0.22 fiber is offered. Its sealed housing which is provided with a standard SMA 905 fiber connector protects the diode laser bar and its micro optics against contamination and mechanical damage. In addition, the module is equipped with a second user exchangeable window for use in rugged harsh environments or in conjunction with disposable fibers in the medical market.

The multi-bar, fiber coupled series comes with an integrated pilot beam, power meter and temperature sensors. Optional fiber detection sensors are available. The fiber coupled module is also available in wavelength of 808 nm, 810 nm, 915 nm, 940 nm and 980 nm.

About DILAS

Founded in 1994, DILAS is the world leader in high power semiconductor lasers components, modules and systems, including fiber coupled products. With manufacturing facilities in Mainz, Germany and in Tucson, AZ, DILAS is dedicated to deliver the most innovative technology and advanced products to the industrial, defense, graphic arts, and medical markets. For more information about DILAS, including product updates, visit our website at www.DILAS-Inc.com.

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