



PRESS RELEASE

For Immediate Release
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Compact, High-Efficiency, 100µm Fiber-Coupled Module

Mainz, Germany, January 26, 2010 – DILAS, the diode laser company, has developed a high brightness, conduction-cooled fiber-coupled diode laser module based on diode laser bars that provides up to 40 watts output power from a 100-micron fiber core at a wavelength of 976nm with a numerical aperture of <0.22.

Ensuring high power, brightness and power efficiency, DILAS has achieved test results with wall-plug efficiency of greater than 40% at operating current.

The electrically isolated single-bar package with a small footprint is a key feature in this product's architecture, measuring 70mm x 30mm x 17mm (L x W x H).

The laser power from the fiber-coupled module is delivered via a non-detachable fiber core which is terminated with a standard SMA 905 connector or cleaved fiber end. With excellent heat removal by direct thermal contact, this industrial package is ideally designed for a wide array of applications that range from fiber laser pumping to micro-materials processing to medical.

This product will be officially released Q3 of this year after going through DILAS' release process to ensure highest quality and reliability.

About DILAS

DILAS, the diode laser company, is focused on delivering the most innovative technologies and advanced product solutions in the industry. Founded in 1994 in Mainz, Germany, with operations in North America and Asia, DILAS designs, develops and manufactures quality high-power, high-brightness semiconductor laser components, modules and systems, including fiber-coupled products for worldwide distribution.

For more information about DILAS, including product updates, visit the company's website at www.dilas.com.

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