PRESS RELEASE

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DILAS Introduces New QCW High-Power Vertical Diode Laser Stack

Mainz, Germany, June 15, 2009 – DILAS, the diode laser company, announces its new compact design of QCW high-power vertical diode laser stacked arrays. These devices are available in wavelengths ranging from 808nm to 9xxnm with power ranges up to 300W QCW per bar and optional fast-axis collimation.

These compact, completely AuSn soldered vertical stacks are designed specifically for operation in high temperature environment for applications such as diode pump solid-state laser and defense, requiring quasi-continuous-wave (QCW) lasers in the kilowatt power range, in a compact, easy to integrate package.

The conduction-cooled vertical stacks are available in 1-bar, 7-bar or 8-bar configurations with up to 4% duty cycle at 200W per bar. Under the toughest environments, our advanced packaging and high precision optic mounting give you full control allowing fast-axis stack divergence as low as 6mrad.

Custom solutions are available upon request. In addition, the standard models DILAS provides can be customized to fit specific requirements for interfaces, beam propagation, mechanical dimensions, etc.

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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