

**PRESS RELEASE**

For Immediate Release

No. 1154

**DILAS Expands Wavelength to 1940nm  
for its QCW High-Power Vertical  
Diode Laser Stack Product Line**

**Mainz, Germany, May 23, 2011** – DILAS, the diode laser company, announces the expansion of its QCW high-power vertical diode laser stacked arrays. These devices are now available at 1940nm with power ranges up to 12W 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 up to 8-bar configurations. Under the toughest environments, our advanced packaging and high precision optics mounting give you full control allowing fast-axis stack divergence as low as  $\pm 3\text{mrad}$  (FWHM).

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](http://www.dilas.com).

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