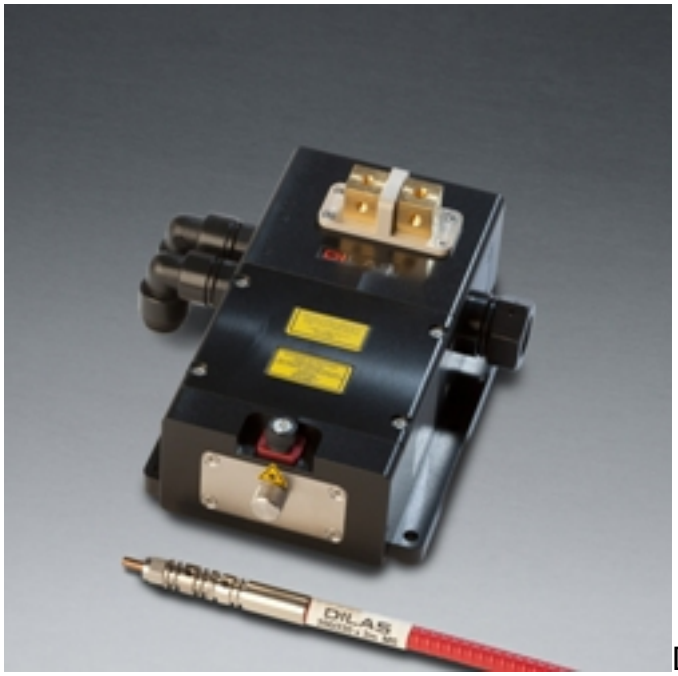
Water-Cooled Stack Based Fiber-Coupled Module



DILAS, the diode laser company, has increased their range of fiber-coupled module products with the introduction of fiber-coupled water-cooled stacks.
With a QCW operating mode with up to 30% duty cycle, these actively cooled, fiber-coupled, stacks deliver scalable output power up to 500 watts at 808nm, 940nm and 976nm from an 800-micron core diameter fiber with a numerical aperture (NA) of 0.22, resulting in high coupling efficiency.

Custom wavelengths are available upon request. These fiber-coupled, water-cooled stacks are ideal formedical applications, such as hair removal. With these fiber-coupled stacks the stack itself can be installed inside the laser system and the fiber delivers the light to the hand piece which makes the hand piece less sensitive to shock and thus easier to handle (light weight).As with all DILAS' fiber-coupled products, devices are available with optional features to includean integrated pilot beam, fiber interlock, and user exchangeable protection window.

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 [1].

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[1] http://www.dilas.com/