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## **NEWS RELEASE**

### **Redfern Integrated Optics' PLANEX™ and ORION™ Lasers Reach 20mW Output Power**

**Santa Clara, Calif. – November 29, 2010** – Redfern Integrated Optics, Inc. (RIO), the leading supplier of low noise external cavity lasers and subsystems for the security, structural health monitoring, wind energy, clean oil and gas exploration and production, and metrology markets, today announced that its industry-leading PLANEX™ and ORION™ module platforms are now available with higher minimum output power, up to 20mW, without the need for an external optical amplifier. The higher output power adds to the lasers' already industry-leading specifications in linewidth, phase noise, relative intensity noise and Telcordia reliability.

"We listen closely to what system designers tell us will help them. This new benchmark reflects RIO's commitment to satisfying market demands by continually refining our products," said Dr. Radu Barsan, chairman, president and CEO of RIO. "Higher output power for all our device families will significantly improve our customers' system performance margins while reducing the cost of passive components and amplification".

RIO's PLANEX™ and ORION™ lasers operate in the C-Band from 1530-1565nm and are narrowly tunable. The higher output power, low noise, and ultra narrow linewidth (less than 3 kHz) ideally position these semiconductor optical solutions for multiple applications where absolute accuracy, lifetime reliability over demanding field conditions, and high resolution are vital, such as remote sensing, distributed temperature, strain, or acoustic fiber optic monitoring, high resolution spectroscopy, LIDAR and other precision metrology applications.

The new higher power PLANEX™ and ORION™ module are available and shipping now.

**About RIO Inc.**

Redfern Integrated Optics, Inc. (RIO) develops and manufactures optical sources and subsystems based on its proprietary planar external cavity laser technology (PLANEX™), which delivers unique price-performance advantages in multiple markets. RIO's product lines include 1550nm single frequency narrow linewidth lasers and modules with very low noise, unparalleled wavelength stability, low cost, small size, low power dissipation, and Telecom grade lifetime reliability. For more information, please visit [www.rio-inc.com](http://www.rio-inc.com).

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