

# Press Release

## **NKT Photonics launch new high power BoostiK™ single frequency, ultra-low noise fibre laser**

**Edinburgh, 18<sup>th</sup> October 2011**

The Koheras BoostiK™ is a new range of single-frequency, high power, narrow line-width DFB fibre lasers offering up to 15W of ultra-low noise output at 1µm and up to 10W at 1.55 µm.



Distributed in the UK and Ireland by Photonic Solutions, the unique properties of these stable single mode fibre lasers make them ideally suited to applications within quantum optics / computing and phenomena, optical heterodyning, atom interferometry and laser interferometry, but any interferometric use that requires high frequency stability or a long coherence length will benefit from this type of laser technology. Furthermore, the low intensity noise of the lasers combined with the high spectral stability make them ideal as sources for wind LIDAR systems used for the wind turbine and aerospace industry.

The BoostiK™ systems are based on the Koheras BasiK™ module seed technology and are upgradable in terms of output power. They offer line widths down to 1kHz and custom specified wavelengths between 1535 - 1575nm and 1050 - 1100nm. The BoostiK™ system is available as a compact, stand-alone unit packaged in a 19" rack system including controller electronics and power supply. The systems are supplied with Koheras GraphiK™ software for the control and read-out of numerous laser parameters on a PC such as wavelength and output power.

For full product information visit our website at [www.photronicsolutions.co.uk](http://www.photronicsolutions.co.uk), call us on 0131 664 8122 or email us at [sales@photronicsolutions.co.uk](mailto:sales@photronicsolutions.co.uk) ~ENDS~

**For Immediate Release**