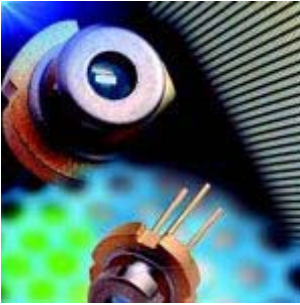


## Photonic Products offers Wavelength Stabilised Laser Diodes from Ondax



Photonic Products, the UK opto-electronics device manufacturer and laser diode specialist, has been appointed by Ondax as authorised European distributor for its range of wavelength stabilised laser diodes which are low cost, miniature lasers in a standard TO package.

Stabilisation is achieved using the [Ondax Volume Holographic Grating \(VHG\) PowerLocker™](#). The PowerLocker™ increases the spectral brightness of laser diodes, ensuring a precise centre wavelength over the locked region and improving temperature stability and yield, which enhances performance and enables many applications including storage, metrology, bio-instrumentation, analytical instrumentation, sensing, flow cytometry and graphic arts.

"We are delighted to supplement our current range of high performance laser diodes from Sanyo, Sony and Opnext with these specialised PowerLocker™ diodes from Ondax. We have many customers who will benefit from the stability of these devices ", said Tony Wright, Director of Sales for Photonic Products.

Ondax's PowerLocker™ is ideal for increasing the spectral brightness of laser diodes and locking their emission wavelength. The short external cavity enabled by the PowerLocker™ provides better mode selection than systems based on Littrow and Littman cavities.

The stabilised laser has a single-mode, narrow linewidth of <50MHz and a very low temperature dependence of <0.03nm/°C, compact size (5.6mm and 9mm standard TO package) and is wavelength locked to  $\pm 1$ nm. The laser is available in standard wavelengths of; 640nm, 658nm, 685nm, and 785nm. Custom wavelengths are available upon request.

[Ondax](#), founded in 2000 by a team from the California Institute of Technology and the University of Bonn, is a leading manufacturer of Volume Holographic Gratings.

### **ABOUT PHOTONIC PRODUCTS LTD**

Photonic Products is a UK based, ISO9001:2000 certified manufacturer of custom designed laser diode modules and assemblies and an authorised distributor of high performance,

premium quality industrial laser diodes and LEDs manufactured by Sanyo, Opnext (formerly Hitachi) and Sony, and precision optical lenses from Panasonic and Helvoët to OEMs in the industrial, medical, scientific and defence markets.

Photonic Products was established in 1995 and has operations in the United Kingdom, the United States and Germany.

The company has twice been honoured with a Queen's Award for Enterprise: International Trade.

It is a StockerYale (NASDAQ: STKR) company.