



Press Release

3S PHOTONICS to Scale up Production of its 980nm Un-cooled Mini-DIL Pump Laser Modules

Nozay - November 27, 2008 - 3S PHOTONICS, a world leading manufacturer of laser chips, optical discrete modules and components for telecommunication networks today announced it has increased its production capacity of terrestrial Mini-DIL uncooled pump laser modules to support the growing demand of its customers. Indeed, the new 1999 PLU Series 980nm uncooled pumps from 3S PHOTONICS have already been qualified by many customers worldwide.

The 1999 PLU pump module operates without any thermoelectric cooler. This uncooled operating condition drastically reduces both the overall power consumption and the power dissipation of the pump laser module. It uses a very compact Mini-DIL package – footprint of 7 x 13mm, height of 5.1mm max - enabling small form-factor and can operate over the widest temperature range currently available on the market (Tcase from -5°C to +75°C).

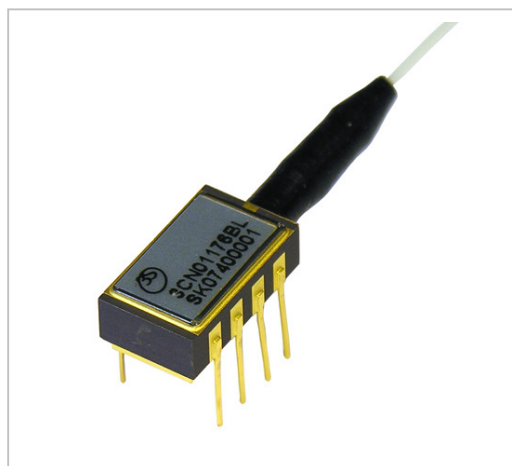
The 1999 PLU provides best-in-class operating power up to 250mW at +75°C. The pump's unparalleled behavior over such a wide temperature range comes from the use of 3S PHOTONICS' proprietary chip introduced more than 1 year ago and already in mass production. The module's specific design provides excellent power stability coupled to a very wide dynamic range.

“Thru the success of our 1999 PLU Series, we fully leverage our recognized expertise in the design of submarine uncooled pump modules and provide the terrestrial market with a cost effective product with an unparalleled level of performance and reliability” explained Yannick Bailly, Vice President of Marketing and Product Management for 3S PHOTONICS.

The 3S PHOTONICS' 980nm uncooled Mini-DIL pump module indeed features a very low FIT rate, ensuring a very high level of reliability. The module has been fully qualified in accordance to Telcordia GR-468-CORE specifications. The wavelength is “locked” using an external Fiber Bragg Grating (FBG) located in a Polarization Maintaining Fiber (PMF) pigtail.

This coolerless pump is designed for single channel fiber amplifiers deployed in high-speed optical telecommunication networks. Mini-DIL pump lasers allow a significant reduction in size and power consumption when designing highly reliable EDFAs for metropolitan applications and can be used in conjunction with high power cooled pump laser modules.

These products are fully RoHS compliant.



For additional technical product information about the 3S PHOTONICS 1999 PLU Series pump laser, please go to: <http://www.3sphotronics.com> and select: Products/Pump Laser Modules/Terrestrial Applications/1999 PLU

About 3S PHOTONICS

3S PHOTONICS – formerly Alcatel Optronics – is a leading supplier of optical discrete modules for telecommunication networks. It designs, develops, manufactures and commercializes active components powered by in-house III-V optoelectronic chips based on both Gallium Arsenide (GaAs) and Indium Phosphide (InP) technologies and passive components using Fiber Bragg Gratings (FBG).

The 3S PHOTONICS renowned optoelectronic chip manufacturing plant of Nozay is a technological feat that is unique in the world as it brings together GaAs and InP technologies under the same roof.

Its product portfolio includes four product lines:

- * Chips (lasers and detectors) and Front End Services
- * Transmission Laser and Detector Modules
- * Pump Laser Modules for terrestrial and submarine applications
- * Filters, gain equalizers and pump stabilizers based on Fiber Bragg Gratings for terrestrial and submarine applications

With over 14 years of experience, the company takes advantage of its expertise and know-how to also address new markets, providing smart solutions for defense, industrial and medical applications.

Based in Nozay (Essonne near Paris), 3S PHOTONICS is run by Alexandre Krivine and Didier Sauvage. The company employs over 160 people, whose 130 are experts in photonics industry.

www.3sphotronics.com

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