Capacity Doubles for Narrow Linewidth Tunable Lasers

NeoPhotonics Corporation announced that the company is in the process of doubling capacity for production of narrow linewidth tunable lasers. NeoPhotonics offers these lasers in an OIF MSA standard ITLA form factor and the products are designed to provide the low noise and narrow linewidths required for 40 and 100 Gbps coherent applications.

The NeoPhotonics products are compact, widely-tunable laser assemblies designed to be optimized for narrow linewidth with up to 35mW launch power in the C band and 20mW in the L band. The products' narrow linewidth and frequency stability are enabled by a NeoPhotonics phase-shifted DFB laser chip and a proprietary packaging technology, while the ITLA assembly also includes an integrated wavelength locker as well as industry standard electrical and firmware interfaces. The narrow linewidth tunable laser has been available to customers since April 2010 and has become one of the leading lasers used in coherent systems.

"Our narrow linewidth tunable lasers are key components for coherent transport in telecommunications systems, which we believe is rapidly emerging as a dominate architecture for 40 and 100 Gbps networks," said Tim Jenks, CEO of NeoPhotonics. "We believe there is currently a shortage of these critical products while demand continues to grow. We are in the process of more than doubling our production capacity of narrow linewidth tunable lasers with minimal expected additional capital expenditures. We anticipate our added capacity to be on-line in the first quarter of 2012."

For additional information, visit www.neophotonics.com [1].

Posted by Janine E. Mooney, Editor

November 22, 2011

Source URL (retrieved on *04/02/2015 - 5:54am*):
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