



## **Nistica Launches High Port-Count Building Blocks for Next-Generation Networks**

*Announces the availability of 15-port waveblocker arrays for versatile network applications*

**BRIDGEWATER, NEW JERSEY, USA. March 5, 2012** — Nistica, a leading supplier of agile optical networking modules, announced its entry into high port-count wavelength selective switches with the launch of its 15-port waveblocker array. The new product line, named FOURIER, is part of Nistica's FULL FLEDGE family of products, allows 25 GHz channel spacing and delivers gridless performance with sub-5 GHz granularity.

The FOURIER modules are being used as building blocks to create network nodes that satisfy the upcoming needs for colorless, directionless, contentionless and gridless applications. Several key customers have designed the FOURIER modules into their system architectures with high volume production expected to begin in the next quarter.

Each Nistica FOURIER module offers up to 15 waveblockers in a parallel array and can be configured as 1xN wavelength selective switches for colorless, directionless add-drop nodes. The true waveblocker nature of the individual switches allows these ports to be used as both single-channel add/drop ports and multi-channel WDM ports for inter-ring connectivity. In addition, any of the waveblockers can be converted to gridless optical channel monitors (OCMs) that track the health of individual wavelengths. The gridless features enable the modules to be used in future-proof networks requiring support for channels with greater than 100Gb/s capacity.

"The launch of our FOURIER series of products positions us as the most cost- and space-effective solution in the high-port-count wavelength selective switch market," remarked Ashish Vengsarkar, CEO of Nistica. "Our customers are impressed with the optical performance and the versatility of these building blocks to generate various colorless add-drop configurations."

The Nistica team is in Los Angeles March 5-9 attending OFC/NFOEC 2012 where Nistica founders Thomas Strasser and Jefferson Wagener are presenting an invited paper on Programmable Filtering Devices in Next Generation ROADM Networks (OTh3D.4). Thomas Strasser is also teaching a short course on ROADM Technologies and Network Applications (SC261).

### **About Nistica**

Nistica is a global supplier of agile optical modules that simplify, automate and make affordable the delivery of high-bandwidth applications, enabling systems providers across multiple industries to meet ever-increasing demand. Formed in January 2005, Nistica is funded by Battelle Ventures, Novitas Capital, Technology Venture Partners, Fujikura Ltd., NTT Electronics, NJEDA, MMV Financial, Mizuho Capital and notable individual investors. The company is working with DLP® Technology from Texas Instruments and has partnered with industry leaders to expand its global reach and scale production. For more information, visit the company website, [www.nistica.com](http://www.nistica.com)

### **Contact:**

Nistica: Jay Taylor, Director of Marketing, 973-809-7468, [jtaylor@nistica.com](mailto:jtaylor@nistica.com)