

## PRESS RELEASE

MergeOptics, GmbH  
Berlin, Germany  
OFC2004 booth 1918

### **MergeOptics Announces the Latest in LX4 Technology and Strengthens its 10-Gbit/s Product Portfolio by Adding the XENPAK LX4 Module.**

**Berlin Germany, -- Feb 17th, 2004 MergeOptics, GmbH** a leading supplier of highly integrated, low power fiber optic components and subsystems, is proud to introduce the OptoPack™ based LX4 XENPAK transponder module capable of supporting data rates up to 10.7 G-bit/s over 300meters of legacy 62.5um Multimode fiber (MMF).

MergeOptics will demonstrate the OptoPack LX4 module at the OFC2004, (Los Angeles, Feb 24-26), booth 1918.

The LX4 technology is an industry standard that enables developers of enterprise datacom equipment to transmit data through 4 parallel 3.125 G-bit/s data rate wavelengths, combined into a single fiber channel for 10G-bit/s Ethernet transmissions into MMF.

The basis for MergeOptics LX4 module is the company's smart building block technology, OptoPack. OptoPack is a highly integrated development platform, consisting of the transmitter and receiver optical sub-assemblies integrated into economical, small form factor packages.

The 3,125 G-bit/s OptoPack sub-assemblies used in the LX4 are highly integrated, small form factor devices capable of transmissions exceeding 300m of legacy MMF, as defined in the IEEE 802.3ae LX4 standard. These sub-assemblies contain an uncooled DFB laser resulting in a very economical, low power budget device. OptoPack is available in four fixed wavelength versions, 1275.7nm, 1300.2nm, 1324.7nm and 1349.2nm.

Dag Neumeuer, President and CEO of MergeOptics said today, "Our strategy is to deliver a broad range of products that address our customer's needs and support emerging technologies, without compromising quality and performance. We accomplish these goals by focusing on our core product, OptoPack. OptoPack is the building block technology that forms the basis for all our products and provides very clear advantages. By sustaining

this focus, we are able to rapidly deploy new products and provide consistency in product quality.”

MergeOptics continues to provide customers with the broadest 10-Gbit/s products and technology portfolio. The company will feature the complete suite of OptoPack solutions and demonstrate the OptoPack LX4 module at OFC2004, (Los Angeles Convention Center, Los Angeles, California) Feb 24 – 26, '04, booth 1918.

### **About MergeOptics**

MergeOptics GmbH, was founded in Germany, in September 2000. They develop highly integrated components for the rapidly growing high-speed fiber optic data transfer market. The company integrates optical components (lasers, modulators and photo diodes) with high-frequency electrical circuits to create compact modules that operate with industry standard optical and electrical interfaces. MergeOptics' business objective is to specialize in high-speed optical products that are world-class for both integration and performance. MergeOptics has partnerships with several leading German universities and research facilities, including the prestigious Heinrich Hertz Institute in Berlin, Germany. For more information, please visit the company's website at [www.mergeoptics.com](http://www.mergeoptics.com)

For more details about the products, or to inquire about pricing or product/sample ordering, please contact the following:

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