

MergeOptics GmbH  
Berlin, Germany

ECOC 2005 – Booth# 323

### **MergeOptics Announces Availability of 10 Gbit/s Ethernet XPAK SR and LR MSA Compliant Modules**

**Berlin Germany, -- September 22, 2005 MergeOptics GmbH** a leading supplier of highly integrated, low power fiber optic components and subsystems, proudly announced today the availability of the XPAK SR and XPAK LR products, providing customers with a cost effective supply of small form factor modules, capable of supporting new levels of port density in high volume server-to-switch and storage-to-switch links. Both products are in production and readily available.

The 10 Gbit/s XPAK SR and LR modules follow the multi-source agreement (MSA) for XPAK, which was initially introduced in 2002. The XPAK design is a small form factor, power efficient module that easily integrates into network equipment enabling standards based 10 Gbit/s links. The XPAK SR modules are capable of transmitting over distances up to 82m (50 micron) in Multi-mode Fiber (MMF) or up to 300m over new high bandwidth MMF. The XPAK LR module is specifically designed for Single Mode Fiber (SMF) links up to 10 km. The XPAK modules' characteristic small form factor, low profile size makes them fully compatible with PCI card applications such as 10 Gbit/s Ethernet and 10 Gbit/s Fibre Channel network interface cards (NICs).

MergeOptics XPAK SR and LR products are fully compliant with the IEEE 802-3ae standard as well as the Fibre Channel 10 GFG Draft 3.5

Both versions are in production and available. Please refer to the company contacts for pricing and ordering information.

MergeOptics products are environmentally responsible, and fully compliant with the EU-RoHS (EU restriction of hazardous substances) requirements.

Dag Neumeuer, President and CEO of MergeOptics stated today, "MergeOptics is well positioned to serve one of the largest market segments using 10 Gbit/s Ethernet technology. By adding XPAK to the company's product portfolio, MergeOptics has accomplished a key goal; to provide a broad range of high quality, leading edge products that serve a wide range of 10 Gbit/s applications in the Enterprise and SANs markets. Based on proven technologies, the company provides a readily available source for these cost effective products".

The company will be exhibiting at the upcoming ECOC 2005, (hosted at the Scottish Exhibition Conference Center), Glasgow, Scotland. September 26th – 28<sup>th</sup>, 2005.  
Booth# 323

#### 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).

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