



## **Bel's New 10GbE LAN Magnetics Modules Designed For Most Popular 10GBASE-T PHY Transceivers**

### ***Modules Support 1:1 Turns Ratio ICs in Wide Range of Next-Generation, Bandwidth-Intensive Applications***

JERSEY CITY, N.J., May 11, 2009 (BUSINESS WIRE) -- Announced today by Bel Fuse Inc. (NASDAQ:BELFA) (NASDAQ:BELFB), a premier developer of magnetic-based solutions for high-speed networking and computer applications, is the S558-10GB-XX series of 10GBASE-T LAN magnetics modules offered to address the transmission standards of 10GbE data over copper LANs. The SMT series is capable of handling the high bandwidth needed to support the continuing convergence of voice/video/data networking, high-performance computing, and storage traffic in the enterprise and data center. Notably meeting the IEEE 802.3an requirements for operation over 100 meters on CAT6A/CAT7 cabling, the series is qualified with leading IC manufacturers' 10GBASE-T transceivers.

Bel's new single-port, SMT LAN magnetics modules are design engineers' preferred choice for use with 1:1 turns ratio 10GBASE-T PHY chips. The low-profile devices are commonly employed in high density, high performance data services, including video over the Internet, and higher-speed network switches, routers and servers.

The new series of parts boasts excellent insertion loss, return loss and crosstalk performance to support networks' optimal performance and reliability. Electrical specifications include an isolation voltage of 1500 Vrms, and variable minimum primary inductance as dictated by PHY requirements. Operating temperature range is 0 degrees C to 70 degrees C. Additionally, the 24-pin, low-profile modules feature a 0.610" (L) X 0.480" (W) X 0.290" (H) space-saving footprint. The RoHS-compliant parts are compatible with reflow processes up to 245 degrees C peak. For complete specification regarding Bel's S558-10GB-XX Series, visit <http://www.belfuse.com/Data/Datasheets/S558-10GB-02.pdf> or <http://www.belfuse.com/Data/Datasheets/S558-10GB-07.pdf>.

Pricing for Bel's S558-10GB-XX LAN magnetics module series is \$4.50 each in quantities of 1,000. Delivery is 6 to 8 weeks.

### **About Bel**

Bel ([www.belfuse.com](http://www.belfuse.com)) and its divisions are primarily engaged in the design, manufacture, and sale of products used in networking, telecommunications, high-speed data transmission, and consumer electronics. Products include magnetics (discrete components, power transformers and MagJack(R) connectors with integrated magnetics), modules (DC-DC converters, integrated analog front-end modules, custom designs), circuit protection (miniature, micro and surface mount fuses) and interconnect devices (passive jacks, plugs, and cable assemblies). The Company operates facilities around the world.

*Except for historical information contained in this news release, the matters discussed (including information regarding the S558-10GB-XX series of LAN magnetics modules) are forward-looking statements that involve risks and uncertainties. Among the factors that could cause actual results to differ materially are the following: the effect of business and economic conditions, the impact of competitive products and pricing; capacity and supply constraints or difficulties; product development, commercializing or technological difficulties; the regulatory and trade environment; and the risk factors reported from time to time in the Company's SEC reports.*

SOURCE: Bel Fuse Inc.

Bel Fuse Inc.  
Donna Marganella  
858-676-9650, Ext. 108  
or  
Neil Berkman Associates  
310-826-5051

Copyright Business Wire 2009