



COMPONENTS FOR A  
CONNECTED  
PLANET™



Home | Stewart Connector | Signal Transformer

Contact Bel | Site Map | Log-In

About Bel

Products

Power Products

MagJack® Connector  
Modules  
LAN Products

Cable & Home Networks

Broadband Products

Telecom Products

Delay Lines

Fuses

Reps & Distributors

News & Media

Investor Info

Part Number  
Search

Distributor Stock Check

Technical Assistance  
techhelp@belfuse.com

## Press Releases

The information contained in the pages below speaks as of the date issued. Investors should not assume that statements made in these documents remain operative at a later time.

### New 1 Gigabit MagJack® Connector Series from Bel Stewart Connector Features a Two-Tier Compressed Profile of Only 0.785" (19.94 mm)

RJ-45 Connectors with Integrated Magnetics and LED Options Engineered for High-Component-Density Networking and Telecom Applications

**FOR RELEASE: IMMEDIATELY**  
**July 10, 2006**

Glen Rock, PA, July 10, 2006...Released today from Bel Stewart Connector, a subsidiary of Bel Fuse Inc. (NASDAQ: BELFA and BELFB), is the Compressor Series (P/N C85X) of SMT MagJack® connectors for small form factor 1 GHz applications. These new right-angle jacks incorporate the magnetics required to provide the isolation and EMI suppression necessary for 10/100/1000 Base-T applications into the shielded body of a rugged RJ-45 connector, and offer options for 2 LEDs per port. This Series is the latest addition to the Company's comprehensive portfolio of single- and multi-port MagJack Integrated Connector Modules (ICMs) for computer and telecommunication networks. Most notable, the Compressor Series is comprised of a two-tier stacked lineup of 6-, 8-, 12-, and 16-port devices boasting an ultra-low height of only 0.785" (19.94 mm). Specifically engineered to allow OEMs and OEDs the utmost in system design flexibility as well as reduce their assembly time and cost, the Compressor MagJacks are available with varied internal filter designs to optimize the performance of all the most popular chipsets. Bel Stewart Connectors' 100% RoHS-compliant MagJack product offering meets or exceeds IEEE 802.3ab and ANSI X3.263 standards.

Suitable for CAT 5 and CAT 6 Fast Ethernet cable, the 1 GHz MagJack is ideal for employment in small form factor and chassis applications where space above the PCB is limited. They are uniquely targeted to such ATCA™ (Advanced Telecom Computing Architecture) platform rack-mount products as blade servers, and daughter cards, and are widely specified in SOHO (ADSL modems), LAN-on-Motherboard (LOM), hub, and switch applications. Additionally, connectors may be confidently specified for use in NICs (network interface cards), bridges, and routers.

Featuring a full range of magnetic options including transformers, chokes, capacitors,

and termination resistors, Bel Stewart Connector's MagJacks have been thoroughly tested to deliver a minimum of 1500 Vrms hipot isolation from EMI and RFI interference. They moreover feature 350 µH minimum OCL (open-circuit inductance) with 8 mA bias current, and an operating temperature range of -40 degrees C to +85 degrees C. Connectors are provided standard with phosphor bronze, gold-plated (30 microinch) contacts to ensure high-cycle life. LED options include yellow, green, red, and bi-colors.

Pricing for Bel Stewart Connectors' Compressor Series (P/N C85X) of MagJacks ranges from \$1.75 to \$2.25 per port in production quantities. While delivery is 10 weeks ARO, samples are immediately available.

#### **About Bel**

Bel ([www.belfuse.com](http://www.belfuse.com)) and its subsidiaries, including Stewart Connector, are primarily engaged in the design, manufacture and sale of products used in networking, telecommunications, high speed data transmission, automotive and consumer electronics. Products include magnetics (discrete components, power transformers and MagJack<sup>®</sup> 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 are (including information regarding the Compressor MagJack<sup>®</sup> Connector Series) 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.

**Bel Fuse Inc.**  
206 Van Vorst Street  
Jersey City, NJ 07302  
[www.belfuse.com](http://www.belfuse.com)  
tel 201.432.0463  
fax 201.432.9542

**Investor Contact:**  
Neil Berkman Associates  
(310) 277-5162  
[info@berkmanassociates.com](mailto:info@berkmanassociates.com)

**Company Contact:**  
Daniel Bernstein  
President  
[ir@BelFuse.com](mailto:ir@BelFuse.com)