



Stewart Connector's New CAT6 Plugs Support 10Gigabit Ethernet to Optimize the Performance of Next Generation High-Speed Applications

Shielded Devices' Innovative and Proprietary Design Effectively Blocks Alien Crosstalk, Promotes Installation Efficiencies, and Assures Consistent High Performance

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Glen Rock, PA December 12, 2005...Stewart Connector, a subsidiary of Bel Fuse Inc. (NASDAQ: BELFA & BELFB), today announced the availability the [39200 Series](#) of Category 6 modular plugs engineered to exceed TIA/EIA-568B.2 data wiring standards. The new parts join Stewart Connector's comprehensive offering of connectors designed for high-speed networking and computing applications, and are the latest addition to the Company's next generation of shielded CAT 6 RJ-45 plugs. Notably, the plugs feature a 2-level load bar that separates the split pairs to ensure the plugs' ability to exceed CAT 6 transfer performance requirements for NEXT (Near End Crosstalk) and Return Loss. The load bar also aids in the connectors' assembly as it accurately positions the wires for termination. Another outstanding feature of the Series is that its termination tool crimps both the contacts and the shield fingers in a single step to maximize installation and applied cost efficiencies. The plug features a dual crimp shield resulting in a reliable ground path connection as well as strain relief. A new bend limiting strain relief boot, featuring an anti-snap tab is optionally available also.

The 8-conductor plugs are ideal for use on CAT 6-rated cable assemblies in the broadest range of next-generation 10 Gigabit Ethernet telecommunication, premise wiring, and computer networking technologies. Among the most common uses for which they are typically specified are in high-speed patch cords used in wiring closets to interconnect patch panels, hubs, routers, switches, and servers. The Series is equally suitable for employment in office environments to connect computers and peripherals to modular wall jacks. Moreover, the plugs are capable of accommodating both typical 24 and 26 gauge solid or stranded cables due to their patented contact design.

The Series is manufactured of UL94-VO polycarbonate and is equipped with electro-polished 50 microinch gold-plated contacts for durable, long-lasting connections. Additional specifications include an operating temperature range of -40 degrees to +85 degrees C, and durability of 750 mating cycles. Voltage rating is 150 VAC, and current rating is 1.5 A @ 25 degrees C. Plugs' performance is tested and monitored on the leading manufacturers' CAT 6 patch cables to assure optimum yields in system performance and unsurpassed repeatability.

Pricing for Stewart Connector's 39200 Series of CAT 6 plugs with strain relief boots starts at \$0.57 each in quantities of 10,000. While delivery is from stock to 4 weeks, samples are immediately available. To locate a representative or distributor, visit <http://www.belfuse.com/StewartConnector/RepsList.asp>, or <http://www.belfuse.com/StewartConnector/DistributorList.asp>.

About Bel

Bel (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[®] 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.

Information contained in this news release (including information regarding the 39200 Series of Category 6 modular plugs) may constitute forward looking statements which 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 report.

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