**FOR IMMEDIATE RELEASE**

**[SAMTEC LOGO] May 2021**

**Samtec And Glenair Expand Mission-Critical Fiber Optic Capabilities**

*New Partnership Leverages Combined Technology Leadership*

**New Albany, IN:** Samtec Inc., a privately held $800 MM global manufacturer of a broad line of electronic interconnect solutions, and Glenair, Inc., a leader in mission critical interconnect solutions, proudly announce a strategic partnership targeting rugged, high-density, high-performance fiber optic cable solutions for military and aerospace applications.

Next-generation military systems demand optimized SWaP-C for increased performance, longer mission life and cost effectiveness. The collaboration combines Samtec's Extended Temperture FireFly™ Micro Flyover System™ optical transceivers (ETUO series), with Glenair® Series 79 MT Fiber Optics Connectors, which provide an ultra-miniature, reduced weight, shielded and environmentally protected solution.

The Samtec ETUO series are designed with flexibility and performance in mind, supporting either 4-channel or 12-channel configurations with up to 25 Gbps data rates per channel. The extended temperature range ( -40° C to +85° C) and a variety of integral heat sinks are ideal for mission-critical applications.

The Samtec ETUO series demonstrates error-free transmission during applied external vibrations and shock test to methods specified in MIL-STD-810.

Glenair’s Series 79 MT is the most compact and lightweight ruggedized connector solution on the market today. Weighing in at just 13 grams per mated pair (including ferrules), the Series 79 MT provides robust, dense fiber optic connectivity for up to 32 fibers in just a 7 mm x 3 mm space. Tested to military grade standards, the Series 79 MT withstands 300 g shock, 20 g random vibration, 500 cycle mating durability, and temperatures ranging from -40 deg C to +85 deg C, all with less than a 0.5 dB change in insertion loss. A test report is available from Glenair upon request.

Every Series 79 MT comes with US Conec ferrules and supports standard Multi-Mode Elite ferrules, Single-Mode APC Elite ferrules, and expanded beam Multi-Mode Prizm ferrules. Variants include an environmentally sealed version, a keyed version with up to 21 keying positions, and the connectors are offered in aluminum alloy with electroless nickel, black zinc-nickel, or cadmium finishes. A passivated stainless steel version is also available.

“Combining these two successful product series is a win for both Glenair’s and Samtec’s customers,” said Joe Phillips, Optics Business Development Manager at Samtec. “Glenair is a leader in mil-grade interconnects, and FireFly is a proven solution in mission-critical, high-performance, high-density applications.”

For more information, please download the [Extended Temperature FireFly™ eBrochure](http://suddendocs.samtec.com/ebrochures/samtec_etuo_ebrochure.pdf) or visit [www.samtec.com/firefly](http://www.samtec.com/firefly). Please contact Samtec’s technical experts via e-mail at FireFly@samtec.com.

**About Samtec**Founded in 1976, Samtec is a privately held, $800 MM global manufacturer of a broad line of electronic interconnect solutions, including High-Speed Board-to-Board, High-Speed Cables, Mid-Board and Panel Optics, Precision RF, Flexible Stacking, and Micro/Rugged components and cables. With 40+ international locations and products sold in more than 125 different countries, Samtec’s global presence enables its unmatched customer service. For more information, please visit [http://www.samtec.com](http://www.samtec.com/).

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