



CARLISLE INTERCONNECT TECHNOLOGIES SHOWCASES INSTALLATION SOLUTION FOR ELECTRONICALLY STEERED ANTENNA (ESA) TECHNOLOGY AT 2019 APEX EXPO

CIT to showcase its extended aviation engineering capabilities for installation solutions of ESA technology on business and regional aircraft

ST. AUGUSTINE, FL, August 29, 2019 – Carlisle Interconnect Technologies (CIT), a division of Carlisle Companies Incorporated (CSL), announced today that it will exhibit its industry-leading installation solution for Electronically Steered Antenna (ESA) technology at the 2019 APEX EXPO trade show in Los Angeles from Sept. 9-12, 2019. CIT will showcase its integration of thermal management design in packages suitable for business and regional aircraft in the South Hall of the Los Angeles Convention Center, Booth No. 1933.

CIT's extended capabilities into the integration of an installation solution compatible with ESA technology addresses even the toughest of In-Flight Entertainment, Connectivity & Interiors (IFE/CI) challenges. The aerodynamic design allows for a simplified, standardized, and universal SATCOM installation, resulting in lower maintenance, reduced cost of ownership, and improved speed-to-market for customers.

CIT has long provided airlines and manufacturers with high-performance wire and cable, including optical fiber, for the most advanced interconnect solutions and market-leading products. At the 2019 APEX EXPO, CIT will showcase expanded capabilities for IFE/CI equipment with its installation solution for ESA technology into the aerodynamic and structural package design of business and regional aircraft. Using the ARINC 781 footprint for SATCOM on business and regional aircraft, CIT takes advantage of existing OEM provisions to improve airlines' speed-to-market. Aerodynamic design models establish a low drag shape that advances in-flight cooling and efficiently moves heat load from antenna chips to radiator zones. This efficient transportation of heat maintains uniform temperatures over large areas to optimize antenna operating conditions.

At the event, CIT is offering a variety of opportunities to learn about the integration of installation solutions for ESA technology and interact with industry experts, users, and partners. The following may be explored at the CIT booth:

- Light weight backshells
- Fiber optic harnesses
- Octax 10GB connections – Solo, 38999, ARINC 600, and more
- Aerospace wire, coaxial, and cable for high-speed data, custom constructions, and harsh environments
- Antenna blind mate connection solutions
- Seal3D fuselage feed-thru connectors
- Lightweight avionics trays and hold downs
- Single aisle bagbin video control center

CIT presentations and features at the conference include:

- Tuesday, Sept. 10, and Wednesday, Sept. 11, beginning at 1 p.m.: Ice cream social with the Carlisle team to see the new installation solution features for ESA technology
- Video illustrating the antenna selections and flow simulation for drag optimization
- Additional image, graphic and video assets available for instructional use and informational needs

To meet with a CIT sales representative at the 2019 APEX EXPO, please contact Kris Samuelson via email at Kris.samuelson@carlisleit.com or via phone at 253-318-0768.

About Carlisle Interconnect Technologies

[Carlisle Interconnect Technologies](#) (CIT) is one of the world's leading designers and manufacturers of high-performance wire and cable, including optical fiber. Having started operations in 1940, the company has grown its product portfolio to include specialty and filtered connectors, contacts, integrated systems and cable assemblies, complex harnesses, racks, avionics trays, and installation kits. In addition to its vast product breadth, CIT provides consumers with a higher level of support by offering engineering and certification services for the demanding environments of the commercial aerospace, military and defense electronics, industrial, test and measurement, and medical industries. For more information, please visit www.carlisleit.com.

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