Cable Assemblies Customer Support Locations

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Fax: +1 714 628 2142

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GERMANY
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ITALY
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fax: 39.0293872300

JAPAN
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Phone: +81 462 57 2010
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Fax: +44 1256 323356

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ITT Cannon: At the forefront of cable assembly technology

ITT Cannon is one of the largest manufacturers of Harsh Environment interconnect assemblies in the world. Our leadership position in engineering and manufacturing technologies allows us to specialize in many types of assemblies including RF, LP Power, HV & mixed signal packages, Fiber Optic defense electronics, Fiber Optic patch cords, Micro and Nano interconnect assemblies and data bus harnesses.

ITT Cannon manufactures standards and custom types of coaxial, optical fiber, ribbon, flex and power cable assemblies covering all of the major markets, including military, aerospace, industrial, medical and transportation. In addition, we offer custom cable assembly designs, working directly with our customers to develop specialized assemblies for virtually any application.

ITT Cannon is a worldwide electronics supplier with facilities in the United States, Mexico, China, UK, France, Germany and Italy. Our facilities are centers of excellence that service a full portfolio of high performance products. We use the latest Six Sigma and lean manufacturing techniques to provide both competitive prices and outstanding service.

ITT Cannon’s leading technology practices include:

- Automated, programmable forming equipment ensuring strict adherence to specifications and 100% repeatability, both proving critical to package fit and electrically correct bends
- Micro-Welding equipment for terminating micro-strips to connector interfaces, a requirement for testing
- Robust inspection methods delivering conformance to customer requirements for electrical lengths and mechanical configurations

ITT test facilities incorporate the latest methodologies, including lean manufacturing and full six sigma integration, and reflect staffing by experienced personnel, qualified for testing to commercial, military, and industrial specifications. These specifications include, among others, Mil-Prf-39012, IEEE, Mil-C-83733, M81659, M35131, M38999, Mil-I-45208A, Mil-C-45662, MIL-C-5015 and VG95234.

Regardless of whether your cable assemblies require low or high volume production requirements, flexible, power, or semi-rigid cable assemblies, and custom or standard connectors, you may rely upon ITT Electronic Components to meet all of your diverse requirements.

ITT remains committed to supporting our customers with full compliance to the DFARS directives relating to specialty metals. Further, ITT continues to develop RoHS compliant products that are lead-free. As appropriate, we will continue to offer leaded product for those applications requiring it. For more information on ITT’s RoHS initiative, visit www.ittcannon.com/RoHS.

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ITT Cannon’s leading technology practices include:

- Over-Molding
- Pneumatic crimp machines providing consistent cable retention forces
- Network analyzers testing for VSWR, insertion loss, attenuation and impedance matching for high frequency and high speed interconnect assemblies
- Controlled cable-to-connector attachments ensuring mechanical and electrical performance for both solder type and crimp type contacts
- Micro-adjusted trimming equipment providing tight tolerances and clean cut-offs of the center conductor and dielectric components therefore giving users increased final performance

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