



**ITT**

**Electronic Components**

# Cannon Cable Assemblies



*Engineered for life*



## ITT... At the forefront of cable assembly technology

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

ITT 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, telecom, and transportation. In addition, we offer custom cable assembly designs and work directly with our customers to develop specialized assemblies for virtually any application.

ITT is a worldwide electronics supplier with facilities in the United States, Mexico, China, Great Britain, France, Germany, and Italy. Our facilities are centers of excellence servicing a full portfolio of products all requiring specific performance levels. ITT uses the latest Six Sigma and lean manufacturing techniques to provide you with both competitive prices and outstanding service.

ITT'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-off's of the center conductor and dielectric components therefore giving users increased final performance





- 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, M83513, 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](http://www.ittcannon.com/RoHS).



[www.ittcannon.com](http://www.ittcannon.com)



**ITT**



# ITT

## **Cable Assemblies Customer Support Locations**

### *AMERICAS*

100 New Wood Road  
Watertown, CT 06795  
phone: 1.860.274.9681  
fax: 1.860.274.4963

666 East Dyer Road  
Santa Ana, CA 92705-5720  
Phone: +1 714 557 4700  
Fax: +1 714 628 2142

### *ASIA*

Tuopandun Industrial Area, Jinda Cheng,  
Xiner Village, Shajing Town,  
Baoan District, Shenzhen City,  
Guangdong, China 518125  
Phone: (86) 755 2726 7238  
Fax: (86) 755 2726 7515

### *GERMANY*

Cannonstrasse 1  
Weinstadt, 71384  
Phone: 49 7151 699.0  
Fax: 49.7151.699.217

### *ITALY*

Corso Europa 41/43  
Lainate (MI),  
Italy 20020  
phone: 39.02938721  
fax: 39.0293872300

### *JAPAN*

11-3, 5-Chome, Hibarigaoka  
Zama-shi, Japan 228-0003  
Phone: +81 462 57 2010  
Fax: +81 462 57 1680

### *UK*

Jays Close, Viabes Estate  
Basingstoke, UK RG22 4BA  
Phone: +44 1256 311200  
Fax: +44 1256 323356