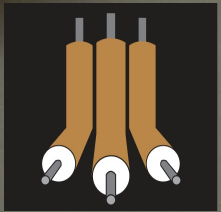




*Coaxial Cables, Delay Lines,  
RF Connectors and Cable Assemblies*



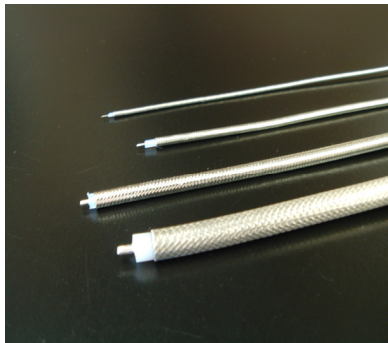
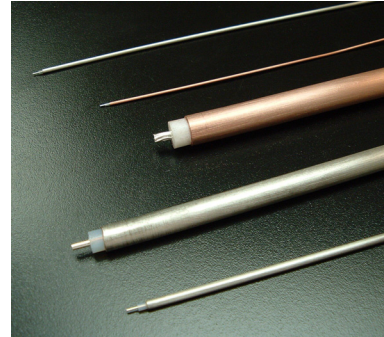
**EZ Form Cable Corporation**

**EZ Form Cable Corporation** is a leading designer and manufacturer of R.F. and microwave products for a variety of applications including low-noise amplifiers, microwave components, military, space, wireless communications and high-performance instrumentation. The company's products include miniature semi-rigid coaxial cable, semi-rigid and flexible cable assemblies, coaxial delay lines and R.F. connectors.

## Cables

### **Semi-Rigid Cables**

- Unique easy-to-bend construction in diameters from .020 to .500
- Available in Cu or Al material in coils up to 150 feet.
- Qualified (QPL Listed) to MIL-DTL-17.
- Non-standard impedances available.



### **EZFlex Formable Cables**

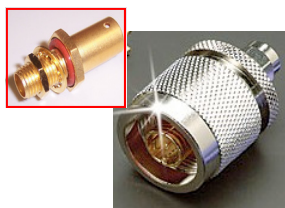
- Flexible cables with the performance of semi-rigid. Hand formable, no tooling required.
- Offered in .047, .086, .141, .250 versions. All cable sizes are available with blue FEP jacket.
- Cu-Sn outer conductor provides shielding equiv. to semi-rigid.

### **EZFlex Flexible Cables**

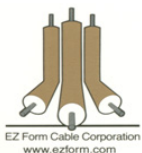
- Truly flexible cables with performance comparable to semi-rigid cable.
- Handles like standard RG type cables.
- Available in EZFlex 401, 402 and 405 versions.



## RF Connectors



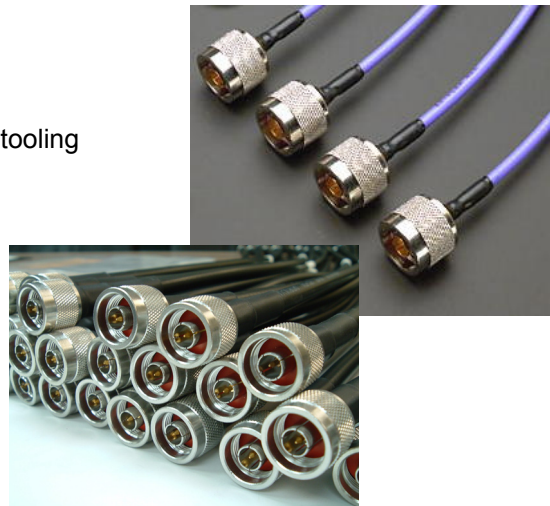
- Series offered include MCX, MMCX, SMA, SMB, N, TNC and BNC connectors, among many others.
- This in-house connector resource ensures the availability of connectors for most cable types and enables EZ Form to control the critical cable/connector interface.



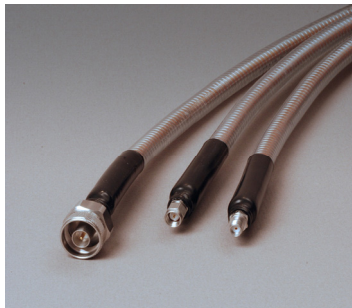
**EZ Form Cable Corporation, 285 Welton Street, Hamden, CT 06517**

## Cable Assemblies

- Semi-Rigid styles are precisely controlled with custom tooling for repeatability and accuracy.
- Flexible versions are made with the latest in trimming and assembly equipment.
- All assemblies are 100% inspected and tested.



## EZFlex Test Cables



**A reliable low cost solution for your test cable needs.**

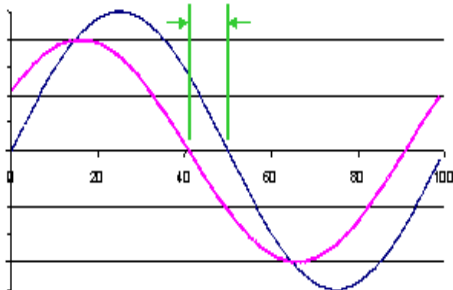
- Rugged construction for durability utilizing steel wire reinforced PVC protective outer jacket and stainless steel connectors.
- Excellent VSWR and Attenuation. Phase Stable.
- SMA to SMA styles offered in 18 GHz and 40 GHz versions.

## Delay Lines

- Standard and custom versions designed to exacting customer requirements.
- Offered in Cu and Al outer conductor materials.
- Standard. delay tolerances +/- 1 ns, or as tight as +/- 20 ps on special order.



## Phase Matched Assemblies



- Matched to within +/- one degree per GHz.
- Phase vs. temp. measurement capability.

## EZ Form Capabilities

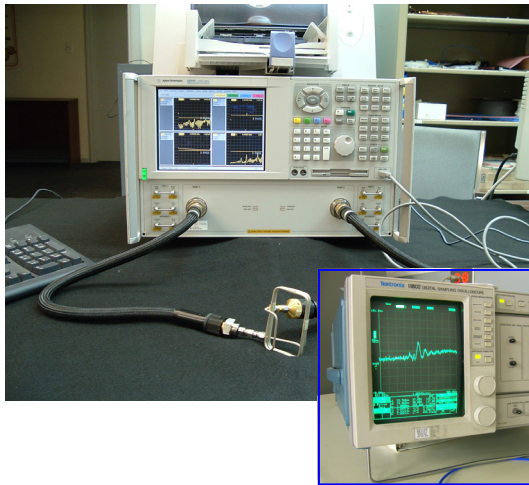
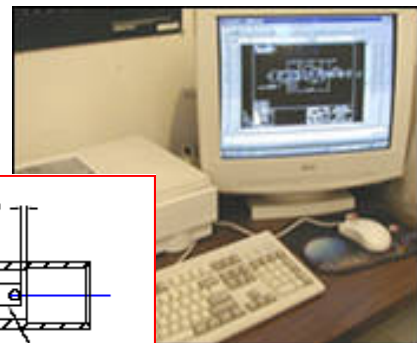
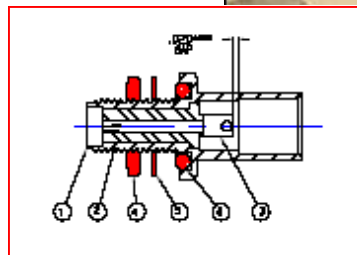


### Cable Assembly and Fabrication

- At EZ Form, every aspect of semi-rigid and flexible cable assembly fabrication is precisely controlled.
- Each assembly undergoes 100% mechanical and electrical inspection) to ensure reliability and performance.
- EZ Form Cable Corporation personnel have successfully completed a course of study on IPC/WHMA-A-620A, which is a standard that defines the Requirements and Acceptance for Cable and Wire Harness Assemblies, as developed and approved by the industry.

### Connector Design and Assembly

- Experienced Design Engineering utilizing AutoCAD for layout and design.
- Control over cable/ connector compatibility
- Dedicated connector assembly equipment.

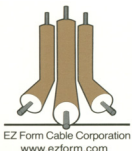


### Electrical Testing

- Phase Match Assemblies Matched within One Degree per GHz.
- Delay Lines with Tolerances to +/- 20 pS.
- S-Parameter Testing .045-40 GHz.
- High Voltage Testing to 6 kV.
- Corona Extinction Voltage.

For more information, visit us at:

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



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