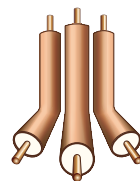




PRODUCTS & CAPABILITIES

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



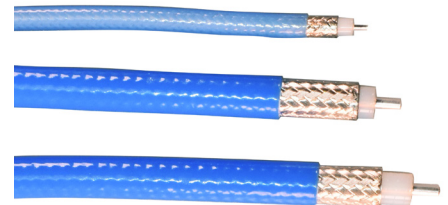
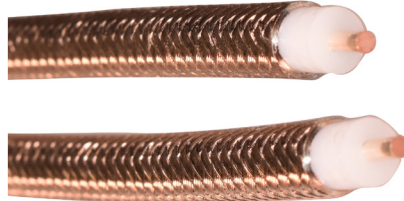
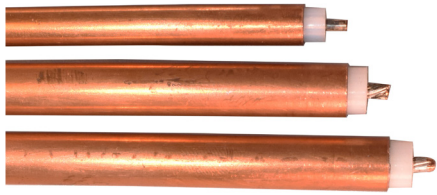
EZ FORM CABLE
A TPC WIRE & CABLE CORP. COMPANY

EZ Form Cable, a TPC Wire & Cable Company, is an AS9100D certified manufacturer of RF & Microwave interconnect products for critical applications common in Military, Aerospace, Wireless Communications and Medical Instrumentation.

EZ Form's comprehensive product offering includes industry-leading design and manufacturing of miniature semi-rigid coaxial cable, formable and flexible cable assemblies, phase matched cable assemblies, coaxial delay lines and RF connectors.



COAXIAL CABLE



SEMI-RIGID CABLE

- Unique and easy-to-bend construction that holds its finished shape after setting
- Ideal for use with automated bending equipment as well as hand forming
- .020" to .500" cable diameters available
- Cu or Al material in coils up to 150 feet
- Qualified to MIL-DTL-17 (QPL Listed)
- Non-standard impedances available

EZ-FLEX FORMABLE™ CABLE

- These flexible cables have the performance of semi-rigid cables in a hand formable option requiring no tooling.
- 100% shielding and easily shaped by hand
- Compatible with solder-on connectors made for semi-rigid cable
- Tinned braid
- .047 / .086 / .141 / .250 versions - all cable sizes are available with blue FEP jacket
- Cu-Sn outer conductor provides shielding equivalent to semi-rigid

EZ-FLEX™ CABLE

- EZ-Flex™ 401, 402, and 405
- Truly flexible high-performance microwave cable comparable to semi-rigid, yet handles like RG type cables
- Double shielded construction
- Low leakage and VSWR
- High durability but lower weight



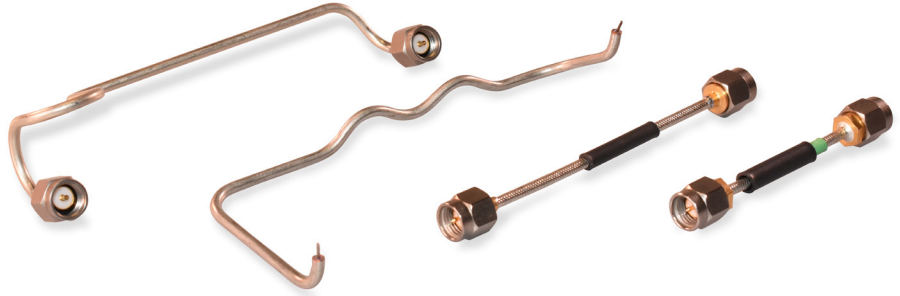
EZ-FLEX™ TEST CABLE

- Rugged construction for durability
- Excellent VSWR and Attenuation. Phase Stable.
- SMA to SMA styles offered in 18 GHz and 40 GHz versions.



CABLE ASSEMBLY AND FABRICATION

- Semi-Rigid
- EZ-Flex™
- EZ FormAL™
- EZ-Flex Formable™
- Phase-Matched



SEMI-RIGID CABLE ASSEMBLY

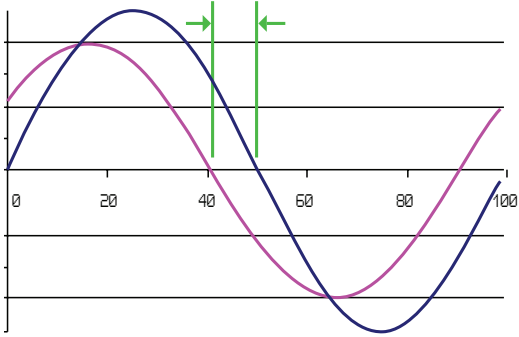
- Every aspect of Semi-Rigid Cable Assembly fabrication is precisely controlled by Certified IPC Specialists (CIS). These specialists have perfected precision cable bending and trimming to deliver unparalleled performance with consistent and accurate results to meet every requirement.

FLEXIBLE CABLE ASSEMBLIES

- Made with the same exacting precision used to fabricate semi-rigid assemblies. Using the latest trimming and assembly equipment, 100% inspection yields assemblies with long life under rough and continuous use.

PHASE-MATCHED ASSEMBLIES

- Phase-Matched Assemblies with tolerances of ± 1 degree per GHz are certified in a fully-equipped electrical testing facility, backed by an engineering staff with years of experience in RF technology.

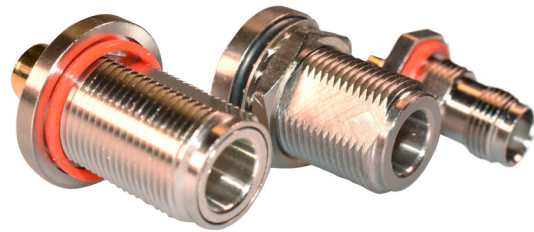


DELAY LINES



- Superior characteristics shaped to almost any configuration required while meeting stringent electrical and mechanical specifications
- Standard delay lines fit a wide range of needs with short lead-times
- Custom delay lines produced exactly to specification
- Offered in Cu and Al outer conductor materials
- Standard delay tolerances +/- 1ns, or as tight as +/- 20ps on custom orders

RF CONNECTORS



- Available Interfaces: BMA, BNC, MCX, MMCX, N, SMA, SMB, TNC, SMP, SMPM
- Series configurations available in different orientations, styles and frequencies to ensure proper cable/connector interface

INNOVATION

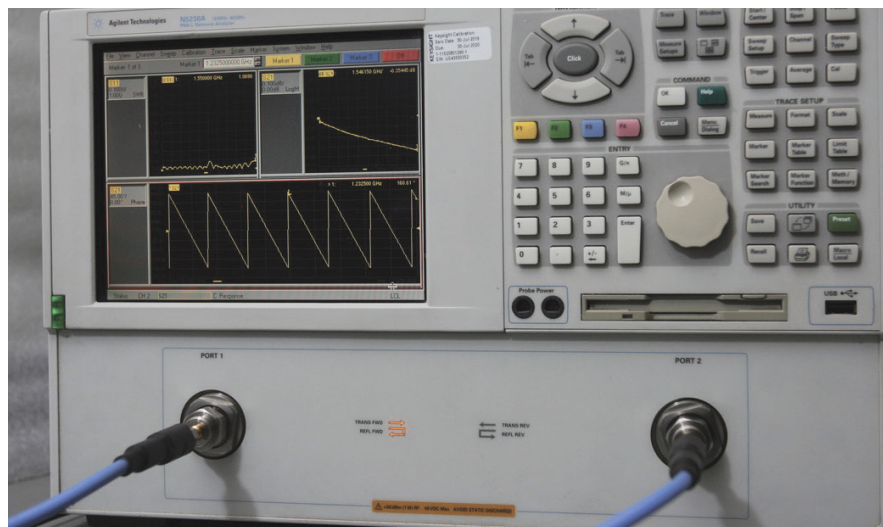
Since 1984, EZ Form Cable has applied industry-leading expertise to develop solutions for the markets it serves:

- 27 Products Qualified to Mil-DTL-17
- Problem-Solving Connector Designs
- Special Impedance Cables
- Phase-Matched Cable Assemblies
- Uniquely Configured Delay Lines
- Build-to-Print Solutions

CUSTOM CAPABILITIES

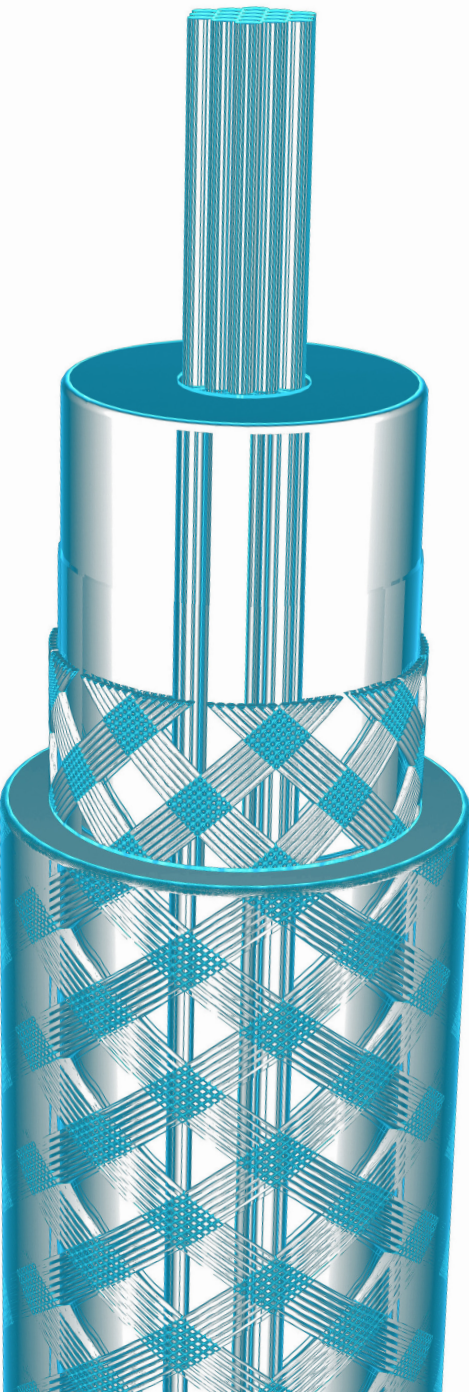
EZ Form has designated Certified IPC Specialists (CIS) available to work with you to provide a complete solution.

- Research & Development
- Design Engineering
- Custom Connectors
- Assembly & Fabrication
- Manufacturing
- Mechanical & Electrical Testing
- Phase vs. Temp Measurement
- 100% Inspection



ELECTRICAL TESTING

- Phase-Match Assemblies matched within one degree per GHz
- Delay Lines with tolerances to +/- 20pS
- S-Parameter testing .045-40 GHz
- High voltage testing to 6kV
- Corona Extinction Voltage
- USNR
- Insertion loss
- Continuity testing



COMMITTED TO QUALITY



EZ Form Cable has an established quality management system that is in conformance with the International Quality System Standard AS9100D and ISO 9001:2015. The scope of this registration is for the design and manufacture of RF Coaxial cable, connectors and related components specific to the aerospace industry and other commercial applications. The certification to the IPC/WHMA-A-620A standard defines the requirements and acceptance for cable and wire harness assemblies, as developed and approved by the industry.