

**Flexible and Rigid Waveguide Manufacturer**

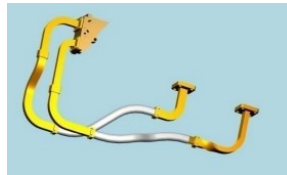


**Product Applications**

- Air– weather radar for F15 Military Fighter
- Space- lightweight wave guide for space satellites
- Land– radar systems, Air traffic control radar
- Sea- weapons on board ships, The Phalanx system

**In–House Capabilities Include:**

- Computer-Aided Design Engineering–fully capable of complex design in a 3D solid model environment.
- Quality Assurance– experienced technical staff and state-of-the-art testing lab have RF sweep capability from 10 MHz to 67 GHz to ensure conformance to your functional test specifications.
- Flexible Waveguide– seamless (MSB, MSD) as well as our Flexible/Twistable (MTP) and Flexible/Non-Twistable (MCK) all in-house.
- Molding– able to mold flexible waveguide assemblies in almost any length.
- CAM/CNC Machining
- Brazing– dip-brazing oven and induction brazing is used for both aluminum and copper alloys, as well as silver brazing of copper alloys.
- Plating– plating in multiple elements
- Painting– offering MIL SPEC painting



**Product Capabilities**

**Waveguide**

- Flexible & Rigid Waveguide
- Flexible Waveguide, Millimeter Seamless
- Flexible & Rigid Waveguide, Double Ridged

**Couplers**

- Crossguide
- Loop
- Precision Broadwall

**Rotary Joints**

- Broadband Coaxial
- I Style
- L Style
- U Style

**Terminations**

- High Power Terminations Air Cooled
- High Power
- Low Power
- Medium Power
- Ultra High Power Water Cooled

**Components**

- Arc Detectors
- High Power Pressure Window
- Magic Tees
- Power Sampler
- Pressure Windows
- Standard Gain Horns
- Torsional Joints
- Waveguide Flange Extrusions
- Waveguide to Coax Adapters