

Flexible and Rigid Waveguide Manufacturer

Product Applications

- Microwave Communications
- Commercial Communications Applications
- Land Radar – Air Traffic Control Radar, Electronic Warfare Applications
- Industrial, Scientific, Medical Applications



In-House Capabilities Include:

- **Computer-Aided Design Engineering and drawings**
- **Quality Assurance**- experienced technical staff and state-of-the-art testing lab have RF sweep capability from 10 MHz to 65 GHz to ensure conformance to your functional test specifications.
- **Flexible Waveguide**– seamless, as well as Flexible/Twistable and Flexible/Non- Twistable.
- **Manufacturing of Custom Waveguide Assemblies** – form bend and mitered bend assemblies in almost any length - WR5 through WR430
- **CNC Machining**
- **Brazing**– Solder and silver braze (QQ-S-71 & AWS C3.4.)
- **Plating**– Gold plating (MIL-DTL-45204D, Type II grade C) and nickel brush plate
- **Painting** – offering mil-spec painting (MIL-PRF-85285E)



Products

- Flexible and Rigid Waveguide – WR5 to WR430
- Custom waveguide assemblies - form bends and mitered
- Couplers - Crossguide and Precision Broadwall
- Terminations - High Power, low power, medium power
- Pressure windows
- Magic Tees
- Waveguide to Coax Adapters
- Flange Adapters
- Pressure inlet flanges
- Millimeter Waveguide Components
- Calibration kits
- Attenuators – level set and Precision fixed
- Electrical testing services