

## Next-Gen RF Solutions for High-Frequency, High-Density Airframe Applications

As technology advances, airframe RF systems must handle higher frequencies and fit into increasingly compact spaces—often in environments that are more challenging than ever. New high-density RF solutions are emerging to address these needs, optimizing footprint, performance, and durability, even in high-vibration conditions. These innovative designs have lightweight constructions and abrasion-resistant jackets to meet severe operational and complex installation requirements.



When selecting RF cables and connectors for inside-the-box airframe applications, it's vital to work with a trusted partner whose expertise can match your unique needs. Look for a provider like Times Microwave Systems with the skills and experience to deliver custom, high-performance solutions that thrive in today's toughest environments.

[Learn More About Our Airframe RF Solutions](#)

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# InstaBend®

Cable assemblies are  
**now available**  
through  
**distribution**



## New Literature Alert!



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## Revolutionizing RF Interconnects For Inside-the-Box Applications

In this REEL Times episode, we discuss the InstaBend® 141, the latest in the InstaBend series. Featuring a clamped connector design, it offers robustness and flexibility for high-density applications, extending the family's frequency capabilities up to 18 GHz.

Check out the InstaBend assemblies family



Watch the Video

## Latest Article Features

Beyond the Beam: The Impact of Coaxial Cables on Phased Array Technology



Pushing the Limits: Engineering Advanced RF Interconnects to Meet the Challenges of Hypersonic Missile Development



## Join Our Team!

Our team is growing! We have positions available in a few different departments. Apply today!

### Careers Page

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#### **Q: What are the best practices for crimping LMR-400 connectors?**

A: All of our LMR-400 crimp style connectors use the same 0.429" hex crimp. Make sure to only crimp the ferrule once right behind the connector body to avoid crushing the jacket.

**Got a question you'd like answered in the next newsletter? Submit it here!**

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