



Coaxial Cable Assemblies for Airframe Communications

Coaxial cable assemblies are a key element in [airframe communications systems](#) as they provide reliable and clear transmission of signals during flight.

The superior signal quality, durability, flexibility, and reliability makes them an essential component to ensure safe and efficient communication and operation.



- **Low loss:** Designed to maintain signal integrity while efficiently carrying high frequency signals, which ensures minimal signal loss and distortion
- **Durable:** Built to withstand harsh environments, temperature, fluctuations, vibrations, and electromagnetic interference, which all commonly occur during flight
- **Flexible:** Highly flexible cables allow for routing through the tight spaces in an aircraft's complex framework
- **Lightweight:** Lighter weight cables are a key contribution for crucial weight reduction
- **Reliable:** Coaxial cables are designed to maintain reliable electrical and mechanical interconnections during and after installation

Related Products

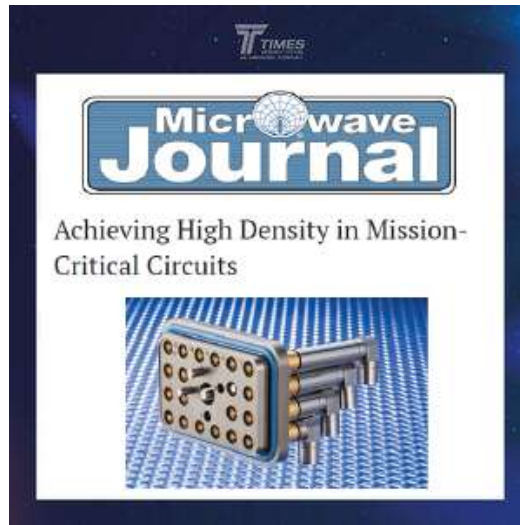


[MilTech® Light-Weight cable assemblies](#) are ruggedized, hermetically sealed and fully vapor sealed, and flexible for commercial, military, and other applications.



[Multiport connectors](#) are designed for high performance environments and qualified to meet the demanding specifications of airframe communications applications.

Technical Articles



Innovations in [RF interconnections](#) have led to reliable, high performance solutions that can fit the tightest spaces available.



High-frequency RF interconnects are [essential components](#) that must perform reliably and meet reduced size, weight, and power requirements.

Congratulations Tony Fedor 🎉!

On April 6th, our very own Tony Fedor was honored with the Distinguished Career Award from the Wire & Cable Manufacturers Alliance, Inc. (WCMA).

Tony has been with Times Microwave Systems for 34 years and has been an integral part of our organization. We are so proud and lucky to have Tony on our team and are grateful for his dedication and commitment to our customers, products, and colleagues.



Tony Fedor and Ed Fenton- Executive Director of WCMA)

Upcoming Tradeshows

Check out all our upcoming tradeshows and stop by our booth!

| | | |
|--|--|------------------------|
|  SPACE TECH EXPO USA | MAY 14TH - 15TH LONG BEACH, CA | Booth # 7037 |
| AOC Europe Oslo, Norway | MAY 13TH - 15TH OSLO, NORWAY | Booth # E35 |

Schedule time to meet with our team!

Product Spotlight

[Multiport connectors](#) are designed for high performance environments and qualified to meet the demanding specifications of [airframe communications](#) applications. These connectors offer unique ways to create interconnects on aircraft in high density environments.

M8 & V8 Multipoint®

- High vibration
- Harsh environments
- Military avionics
- EW applications

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Q: What are key factors to consider for RF cables in airframe communications?

A: With the variety of uses for coaxial cables in airframe communications, there are several factors to consider: maximum frequency, loss, reliability, and signal integrity.

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


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