

Enhancing Military Platforms with Advanced RF Solutions

Today's military platforms require increasingly sophisticated RF interconnects that perform reliably in the most challenging environments while meeting strict **SWaP** requirements. We continue to push the boundaries of innovation to meet these evolving demands.

Our engineering-driven approach is rooted in a history of pioneering work, from World War II to the Cold War. In the 1970s, we set a new standard by introducing low-density PTFE for lightweight, low-insertion-loss cables. Today, this same spirit of innovation fuels our partnerships with military contractors and system integrators, allowing us to combine deep technical expertise with a commitment to understanding your unique challenges and developing tailored solutions.



Partner with Times Microwave Systems

Our comprehensive understanding of military applications, combined with seven decades of engineering excellence, makes us your ideal partner for RF interconnect solutions. Whether you're developing next-generation capabilities or upgrading legacy platforms, we provide the expertise and solutions to ensure your success.

[Read the Full Article](#)

[Learn about Our Heritage](#)

Innovative Multiport Solutions

Multiport and Mini-Multiport Systems

Our innovative multiport and mini-port solutions address the challenges of increasingly dense RF systems:

- Multiple contacts into a single connector module for reduced installation complexity
- High-frequency performance up to 20 GHz (multiport) and 40 GHz (mini-multiport)
- Integrated sealing to prevent moisture and contamination



[Learn more about Multiport Connectors](#)

Advanced Inside-the-Box Solutions

InstaBend® Cable Assemblies

Here's how InstaBend cable assemblies address common design constraints:

- Ultra-flexible, microwave interconnects designed for tight spaces between RF circuit cards, modules, and enclosure panels
- Maintain excellent phase stability with flexure
- Available in 047, 086, and 141 sizes
- Broad Connector Interface Availability - Supports SMP, SMA, and 2.92mm connectors for diverse needs



Check out our InstaBend Cable Assemblies



PT-047 Cable Assemblies

Engineered for demanding environments, PT-047 cable assemblies offer:

- Industry-leading phase stability over temperature for consistent performance
- Flexible alternative to traditional 047 semi-rigid cables, ideal for inside-the-box applications
- Features proprietary Fluoropolymer foam dielectric TF4®
- Vapor sealing ensures robust moisture and contamination protection across all altitude ranges

[Learn More About PhaseTrack Assemblies](#)

Register for the ARACON® Product Training Webinar!

A promotional banner for an ARACON product training webinar. The banner features the ARACON logo on the left, which includes a stylized diamond icon and the text 'ARACON®' with the tagline 'LIGHTWEIGHT. STRONG. FLEXIBLE.' below it. To the right of the logo is a teal rectangular box with the text 'Product Training Webinar' in white. Below this box, the date and time 'September 11th • 11am' are displayed. The central part of the banner shows a coiled braided cable with connectors and several spools of wire. In the bottom right corner, the 'MICRO-COAX' logo is shown, with 'AN AMPHENOL COMPANY' written underneath it.

ARACON®
LIGHTWEIGHT. STRONG. FLEXIBLE.

Product Training Webinar

September 11th • 11am

MICRO-COAX
AN AMPHENOL COMPANY

[Register Here](#)

Upcoming Tradeshows

[Check out all our upcoming tradeshows and stop by our booth!](#)

 EUROPEAN MICROWAVE WEEK JAARBURS UTRECHT THE NETHERLANDS 21-26 SEPTEMBER 2025 www.eumw.eu	SEP 21ST - 26TH UTRECHT, THE NETHERLANDS	Booth # C072
 2025 CALIFORNIA APCO	SEP 29TH - OCT 2ND SACRAMENTO, CA	Booth # 426
 AUSA ANNUAL MEETING & EXPOSITION	OCT 21ST - 26TH WASHINGTON, DC	Booth # 3538
 SPACE TECH EXPO EUROPE	NOV 19TH - 21ST BREMEN, GERMANY	Booth # H50



Q: What is Times Microwave Systems doing to prepare for future military needs, like hypersonic applications?

A: We are actively developing high-temperature solutions for emerging applications like hypersonics, researching advanced materials for enhanced performance, and pushing the boundaries of miniaturization to stay ahead of future requirements.

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

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How can we help?

Call us : 1-800-867-2629

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