



**As 2022 draws to a close, we here at Times Microwave Systems would like to wish you a very happy holidays!**

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## **2022 Recap**

We released a variety of new videos throughout the year, from product demos, to interviews with engineers and interns, to our brand new video series on about our website. Be sure to check them out!





Times Microwave CST 400 Tool Demo

Reel Times- Women in Engineering

Times Microwave Systems- New Website Introduction

### Our Full Video Collection

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**In case you missed them, here are some of the most popular articles we published throughout 2022.**



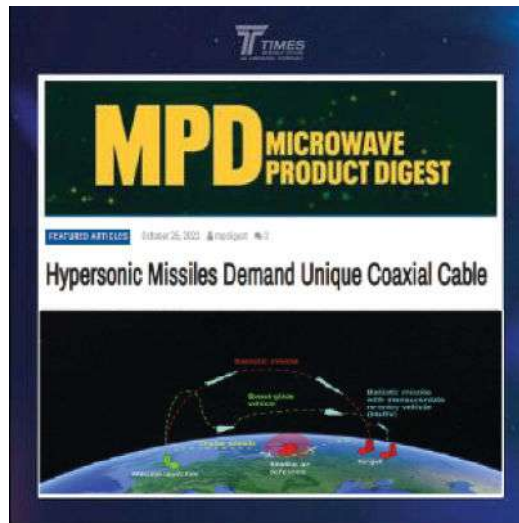
[Read the full article](#)

## Limiting the Effects of PIM, Multipaction & Corona Discharge in SATCOM Systems

The RF and microwave applications that power many of the critical functions within today's communications satellite systems demand a larger bandwidth integration, higher component integration, and more power handling capability.

## Hypersonic Missiles Demand Unique Coaxial Cable

Hypersonic missiles represent the most significant advancement in defense weaponry since the 1960s. However, they also present substantial challenges. The term "hypersonic" describes any speed faster than five times the speed of sound (above Mach 5). In fact, these missiles are so fast that, as they travel, their speed can alter the adjacent air molecules.



[Read the full article](#)



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## **New Multiport Contacts Add High-Frequency Capabilities to UAS Applications**

Today's unmanned aerial technologies, including intelligence, radar, collision avoidance, electronic guidance, navigation, electronic warfare, and communications, require higher frequencies to provide increased bandwidth for a growing number of complex subsystems.

## **Phase-Stable Cables and the Challenges of Space**

Satellite communications are an indispensable part of global infrastructure, enabling real-time data transmission anywhere on earth and into space. As commercial industries increasingly work to advance and expand connectivity with powerful new 5G technology, space-based platforms and satellites will become even more critical.



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[Read the full article](#)

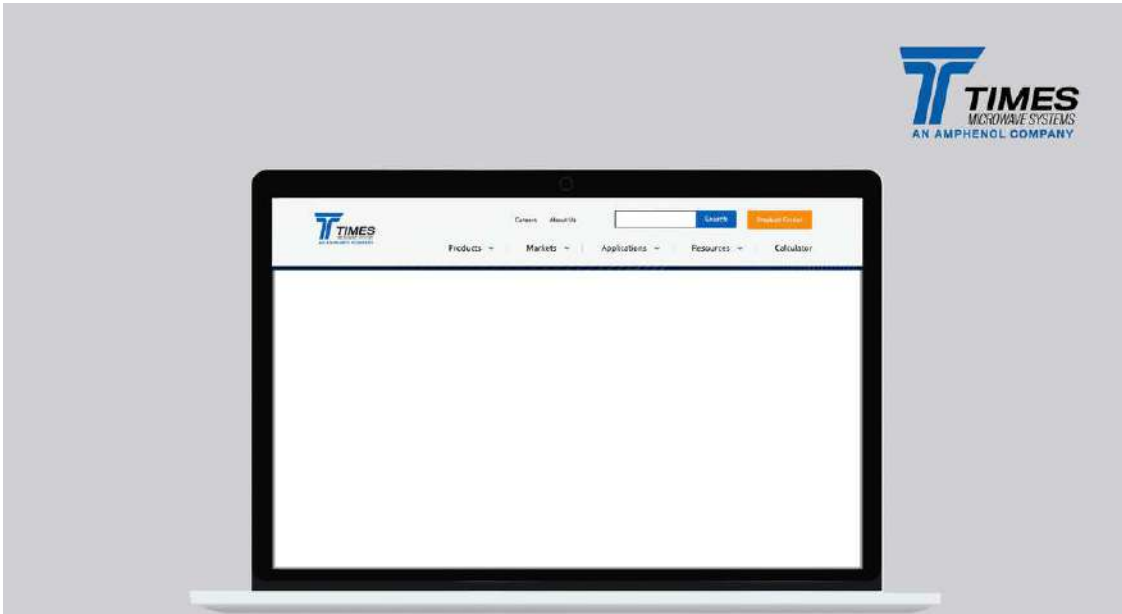
**Don't let supply-chain disruptions knock your projects off schedule – navigate roadblocks and stay on track**

In today's unusually challenging environment, companies may need to look for workarounds to stay on track regarding supply chain and delivery. Some electronics companies are learning the hard way that supply-chain resilience is a critical qualification for doing business.

[Published Articles Library](#)

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**Don't forget to explore our new website!**



Check out our Assembly Builder

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