

EM Antennas Launches Revolutionary SWaP Evolution Antenna Series: One Antenna, Infinite Possibilities

EM Antennas, a premier U.S. manufacturer of ruggedized RF solutions, is proud to introduce its SWaP Evolution Product Series, a groundbreaking line of omni-directional, ultra-wideband antennas engineered to redefine mobile communications for mission-critical operations.

Built in our New York facility and made entirely in the USA, the SWaP Evolution antennas are more than just another product – they’re the future of field communication. Designed for ruggedness, lightweight mobility, and superior bandwidth, these antennas outperform legacy solutions and answer the direct calls from the field: fewer components, more power, and real-world reliability.

“We listened to the warfighters. We heard what was missing. And we built it,” said Doug Coolbaugh, Vice President of EM Antennas. “The SWaP Evolution Series is already making an impact in the field. It’s not just about meeting specs – it’s about outperforming them.”

Key Advantages:

- **Ultra-Wideband Coverage** – Uninterrupted performance across broad frequency ranges.
- **Omni-Directional Mobility** – No repositioning needed. Stay connected on the move.
- **Extreme Ruggedization** – Engineered for the world’s harshest environments.
- **Single Antenna Replacement** – Replace up to **five standard antennas** with one SWaP Evolution model.

- **Made in the USA** – Full design and production handled in our upstate NY facility.

Already deployed across multiple active units, these antennas deliver next-gen capability in a single, compact form factor. They're built for teams that don't have time to compromise – designed to lighten the load, streamline the pack, and deliver dominant communication capability at a competitive price point.

To explore the full SWaP Evolution lineup and performance specifications, visit:

<https://em-antennas.com/rugged-antennas/>

About EM Antennas

With over 60 years of expertise in RF innovation, EM Antennas delivers military-grade, mission-ready solutions built for the modern warfighter. Our antennas are deployed globally across land, sea, air, and space applications – each one backed by American ingenuity and proven in real-world scenarios.

We are ISO 9001 certified, a proud HUBZone-certified business, and offer full customization of antennas and communication kits to meet our clients' exact specifications. All products are manufactured in-house at our facility in Ballston Spa, New York.