



## Fractal Antenna Systems Introduces the UACM-SP™

Fractal Antenna Systems is excited to announce the launch of their new PIM-rated, indoor omnidirectional DAS & Public Safety antenna, the UACM-SP™. Using their proprietary and patented FRACTAL technologies, the UACM-SP™ is built with super-wide bandwidth and can operate continuously from 380MHz to 6GHz with low-PIM at key cellular bands.

This product will allow essentially all in-building wireless applications, including public safety, cellular, and Wi-Fi, to be run through a single antenna product, cutting the need to install separate antenna systems for different in-building wireless needs. This type of “converged” antenna infrastructure will allow system owners, integrators, and installers to spend less money and time building and installing their systems – cutting component costs, installation complexity, and maintenance.

With its super-wideband frequency range, the UACM-SP™ is “future-proof” and can be used with key upcoming and potential spectrum deployments like FirstNet, CBRS, C-Band, 5.9GHz and 6GHz. As some (or all) of these new spectrum requirements are deployed, much of the existing DAS & Public Safety antenna infrastructure will be rendered obsolete. Installing the UACM-SP™ will allow owners and integrators to know their antenna infrastructure is ready for whatever the next standard is – without additional costly upgrades to antenna equipment.

The UACM-SP™ delivers excellent RF performance, with truly omnidirectional radiation patterns, strong gain values, and low VSWR. The antenna’s PIM rating is below -153dBc at the low and mid-bands, a crucial characteristic for cellular DAS installations. The UACM-SP™’s superior performance is all delivered in the smallest and lightest form-factor on the market for its coverage, making it less intrusive than other DAS & Public Safety antennas.

With the introduction of the UACM-SP™, Fractal Antenna Systems and Primus are introducing new pricing across Fractal’s product lines. This new pricing delivers extraordinary value to customers, considering the UACM-SP™’s technical performance and form-factor. This product is proudly made in the USA by Fractal Antenna Systems, Inc.

