



Antennas, Photonics, & RF Communications



FOR IMMEDIATE RELEASE

Pharad Expands Stub Antenna Offering for MANET Radios

Hanover, MD – January 25, 2018 – Pharad has introduced three new radiating-efficient stub antennas for MANET radios operating in the L-, S- and C-bands. With thousands of Pharad stub antennas already operating in the field, these three band-specific antennas enable longer link ranges than previously possible, in a similar compact stub enclosure with an SMA connector. Along with the launch of these three new stub antennas, Pharad now offers its entire stub antenna product line in a choice of either black or gray enclosures.

“End-users of small MANET radios are always trying to eke out additional link range in their systems; consequently, we developed a series of band-specific MANET stub antennas that are now being shipped to our customers,” said Pharad President Austin Farnham. “We still offer the smallest full-band MANET radio antenna in the industry as a single antenna covering all relevant L-, S-, and C-bands, but these three, very efficient antennas allow for extended link range in a single band, all in the same small package. Interestingly, we found that the adoption of these stub antennas on UAVs has sparked an interest in a gray color radome to better blend in with aircraft and sky colors. As a result, we now offer all of our stub antennas in a gray color as an option.”

Pharad’s stub antennas are designed and manufactured in the USA and operate over the frequency ranges of 420 MHz to 10 GHz. They feature a ruggedized package less than 7 cm tall and weighing less than 10 grams. The stub antennas are suitable for both hand-held radios and controllers and low speed UAVs and drones, particularly rotocopters.

About Pharad, LLC

Located in Hanover, Maryland, Pharad, LLC is a customer focused company and technology leader in the development and manufacture of highly efficient, electrically small antennas and RF over fiber systems for communications and defense applications. Pharad creates innovative solutions for realizing difficult-to-engineer antennas for confined operational environments and very broadband applications. Pharad also manufactures a range of RF over fiber products that can support the high performance fiber optic remoting and switching of RF signals.

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