

For Immediate Release

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Raltron Launches Ultra-wide Band (600 MHz - 6.5 GHz) Parabolic Antennas for Cellular and IoT Applications

MIAMI - August 18, 2021 - Raltron, a global leader in high performance frequency management components and antenna products, has developed an ultra-wide band parabolic antenna series that provides continuous coverage for frequencies ranging from 600 MHz to 6.5 GHz. Supporting 2G, 3G, 4G and 5G, the RGP Series of antennas works on all worldwide cellular bands for voice and data including LTE, CDMA, GSM, UMTS, AWS and more.

Ideal for use as a cellular booster, the RGP Series also supports military, government, public safety and homeland security bands.

The ultra-wide band means the RGP Series is suitable for most emerging IoT applications, GNSS bands, SDR, ISM 900 and satellite radio including Sirius-XM.

Available in two versions, the standard version is 24 x 39 x 16 inches, weighs 5.3 lbs and the aluminum reflector material features an electrostatic powder coating. The heavy duty version is a 1-piece reflector that is 35 x 35 x 8.5 inches weighs 5.4 lbs.

The heavy duty RGP Series has an aluminum rod and bar construction with individually hand welded joints and a double powder coated white finish for longer operating life.

"The high-performance RGP Series offers an ultra-wide band to eliminate the need for customers to purchase multiple antennas to support multiple frequencies," said Ross Weiss, Raltron VP Sales. "The RGP Series features a robust and light weight design to ease installation in homes, apartment buildings, manufacturing facilities, office buildings, recreational and entertainment facilities and more."

Offering polarization vertically or horizontally, the RGP Series reduces interference / noise to improve signal integrity and quality of experience (QoE). Gain ranges from 15 to 25 dBi standard while gain and beamwidth can be further optimized at 600 - 900 MHz as well as 4.5 - 6.5 Ghz.

Both RGP Series versions come with a simple install kit that includes a tilt/swivel mast bracket for 1.25 to 2" diameter pipe/mast.

For more information please visit
<https://www.raltron.com/2016/12/antenna-lte/>

About Raltron

Founded in 1983, Raltron is a privately held ISO-9001:2015 certified company that offers the most comprehensive line of frequency management devices in the industry. Raltron develops, manufactures and sells products worldwide including crystal resonators, clock oscillators, VCXOs, TCXOs, OCXOs, VCO's, SAW and LTCC filters, ceramic resonators and a variety of IoT compatible antennas, RF cable assemblies and RF connectors. Raltron is dedicated to continuous growth through investing in its

traditional markets like telecom infrastructure, consumer, industrial, medical, as well as new markets including IoT, M2M and smart metering. Its products are marketed through a worldwide network of independently owned representatives and franchised distributors.