



Radiall Expands Tactical Antenna Line with GPS Antennas

Excellent L1 band electrical performance

Radiall has expanded our extensive range of tactical antenna products, with GPS passive and active L1 band antennas. The passive and active antennas can be:

- Enclosed in a miniature robust package, requiring little space on crowded handheld equipment
- Embedded into the radio when room is available or application permits

Offered with a standard SMA coaxial connector interface, our low-profile stubby antennas can be easily customized to meet the needs of the application. They have been specially designed for harsh environments and to withstand the more severe drop test.

The stubby GPS antennas are designed for handheld GPS receivers, handheld tactical radios with GPS capabilities, and sensors.

Square GPS antennas can be overmolded for external use or embedded into the unit. Different sizes are available in either active or passive configurations.



Performing at Our Best

We are committed to meeting and exceeding industry standards and your requirements in interconnect design, quality, reliability, and performance. ISO 9001, ISO 14001, AS9100, and TS 16949 certifications highlight our dedication to continuous improvement and innovation in leading-edge technology.

Choosing the Best Company

When you choose Radiall, you're choosing a partner committed to investing in its people, future technologies, and the environment. We comply with RoHS and REACH initiatives to remove hazardous substances from products. And, to serve you better and meet your immediate needs, we are everywhere you need us. Radiall sales offices and subsidiaries throughout the world are supported by engineering and R&D in the United States and Europe.

Manufacturing facilities are strategically located in the U.S, Mexico, and Europe.

Simply Your Best Connection

When only the best will do and you need value from a company you can trust, Radiall is simply your best connection.

RADIALL 
The next connexion

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DEFENSE

GPS Antenna Solutions for Tactical Handheld Applications

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Flexible, Space-Saving GPS Antenna Solutions



Photo Courtesy of USMC, Lance Cpl. Tommy Bellegarde



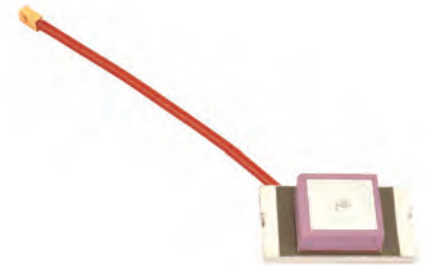
Stubby Active or Passive Antennas

- GPS L1 (1575.42 MHz) frequency
- 50 ohm nominal impedance
- 3:1 VSWR max
- -4 dBic \pm 1 dBic gain (passive)
Up to 25 dBic \pm 1 dBic gain (active)
- -40 to +70°C
- 20 meters max water immersion in mated condition



Square Active or Passive Antennas

- GPS L1 (1575.42 MHz) frequency
- 50 ohm nominal impedance
- 3:1 VSWR max
- Up to 25 dBic gain
- Can be overmolded or integrated in a housing
- Environmental performances will be according to your needs



Embedded Active or Passive Antennas

- Embedded into unit for discrete needs
- Up to 125 dBic gain
- 2.5 VSWR max
- -40 to +55°C
- Tuned for best possible GPS L1 band performance