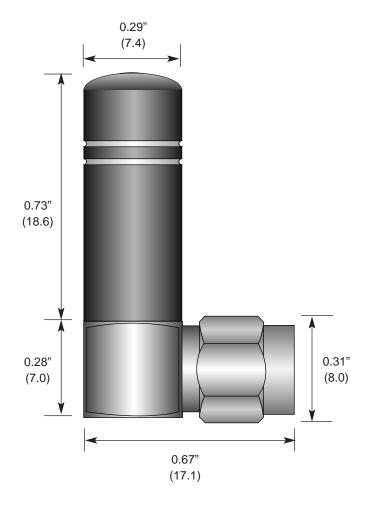


ANT-2.4-CW-RAH-xxx DATA SHEET

Product Dimensions



Description



The RAH Series utilizes a helical element to greatly reduce the physical length of the antenna housing. They are ideal for products requiring an ultra-compact, aesthetically pleasing antenna in a right-angle form factor. Despite their tiny size, they are ruggedly constructed and able to withstand punishing environments just like our larger whips. The antennas attach via a Part 15 compliant RP-SMA connector. The 2.45GHz version is also available with a standard SMA connector.

Features

- Low cost
- Ultra-compact
- Right-angle mount
- Excellent performance
- · Omni-directional pattern
- Fully weatherized
- Flexible main shaft
- Rugged & damage-resistant
- Part 15 compliant RP-SMA connector
- Use with plastic* or metal enclosures
- * Requires proximity ground plane

Electrical Specifications

Center Freq. 2.45GHzBandwidth 300MHzWavelength 1/4-wave

• VSWR <2.0 typ. at center

• Impedance 50 ohms

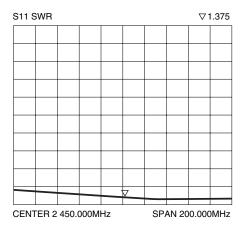
• Connector RP-SMA or SMA

Electrical specifications and plots measured on 4.00" x 4.00" reference ground plane

Ordering Information

- ANT-2.4-CW-RAH-RPS (with RP-SMA connector)
- ANT-2.4-CW-RAH-SMA (with SMA connector)

VSWR Graph



Typical VSWR



Antenna Factor 159 Ort Lane Merlin, OR 97532 www.antennafactor.com 541-956-0931 (phone) 541-471-6251 (fax)