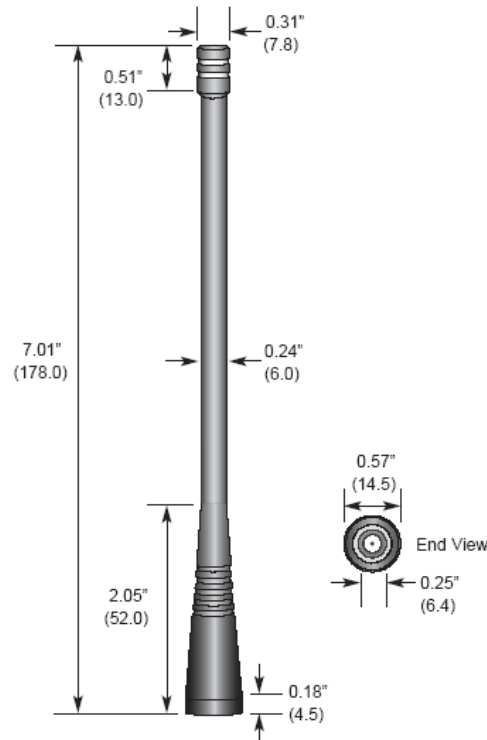




## ANT-418-CW-QW DATA SHEET

### Product Dimensions



### Description

CW Series 1/4-wave antennas deliver outstanding performance in a rugged and cosmetically attractive package. These antennas feature an FCC Part 15 compliant RP-SMA connector. This simplifies packaging and shipment, allowing for easy field replacement while complying with FCC requirements. A wide variety of matching connectors allows for numerous mounting options. The CW Series comes standard in black, but custom colors are available with a 5,000 piece minimum order.

### Features

- Low cost
- Outstanding VSWR
- Excellent performance
- Omni-directional pattern
- Flexible main shaft
- Fully weatherized
- Rugged & damage-resistant
- Part 15 compliant RP-SMA connector
- Available in black or custom colors
- Use with plastic\* or metal enclosures

\* Requires proximity ground plane

### Electrical Specifications

- Center Freq. 418MHz
- Bandwidth 80MHz
- Wavelength 1/4-wave
- VSWR <1.9 typ. at center
- Impedance 50 ohms
- Gain TBD
- Connector RP-SMA

Note: Electrical specifications and plots measured on 4" x 4" reference ground plane

### Ordering Information

- ANT-418-CW-QW

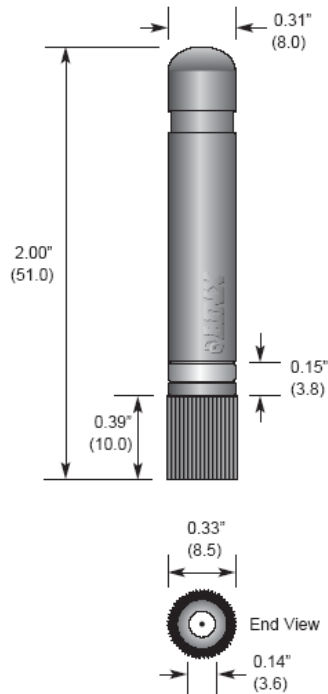
### Plots





## ANT-418-CW-RH DATA SHEET

### Product Dimensions



### Description



The RH Series is designed to offer near straight monopole performance in an ultra-compact package. Ideal for small products where cosmetic or functional requirements dictate a compact, aesthetically pleasing antenna package. Despite their tiny size, RH Series antennas are ruggedly constructed and able to withstand punishing environments just like our larger whips.

### Features

- Reduced-height helical whip
- Low VSWR
- Excellent performance
- Omni-directional pattern
- Fully weatherized
- Rugged construction
- Damage-resistant
- Part 15 compliant RP-SMA connector
- Use with plastic\* or metal enclosures

\* Requires proximity ground plane

### Electrical Specifications

- Center Freq. 418MHz
- Bandwidth 10MHz
- Wavelength 1/4-wave
- VSWR <1.9 typ. at center
- Impedance 50 ohms
- Gain TBD
- Connector RP-SMA

Note: Electrical specifications and plots measured on 4" x 4" reference ground plane

### Ordering Information

- ANT-418-CW-RH

### Plots

