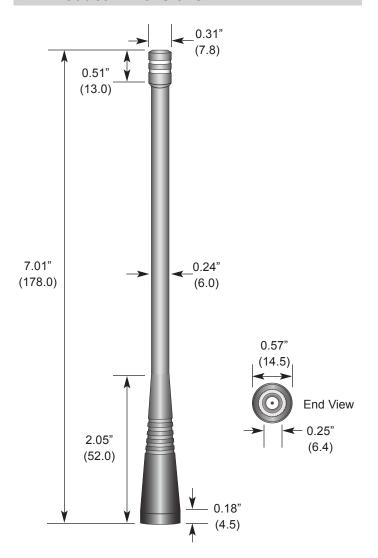


# **ANT-418-CW-QW DATA SHEET**

#### Product Dimensions



### Description

CW Series 1/4-wave antennas deliver outstanding performance in a rugged and cosmetically attractive package. These antennas are available with standard SMA or FCC Part 15 compliant RP-SMA connectors. RP-SMA connectors allow for easy field replacement while complying with FCC requirements. A wide variety of matching connectors permit numerous mounting options.

#### Features

- Low cost
- Excellent performance
- · Omni-directional pattern
- · Wide bandwidth
- Very low VSWR
- Fully weatherized
- Flexible main shaft
- Rugged & damage-resistant
- · Standard SMA or Part 15 compliant RP-SMA connector
- Use with plastic\* or metal enclosures
  - \* Requires proximity ground plane

### Electrical Specifications

Center Freq. 418MHz
Recommended Freq. Range 380-450MHz
Wavelength 1/4-wave

VSWR
<1.9 typ. at center</li>

Impedance 50 ohms

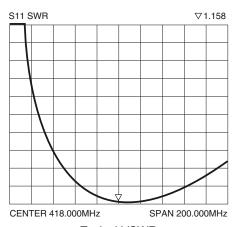
Connector SMA or RP-SMA

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

## Ordering Information

- ANT-418-CW-QW (with RP-SMA connector)
- ANT-418-CW-QW-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)