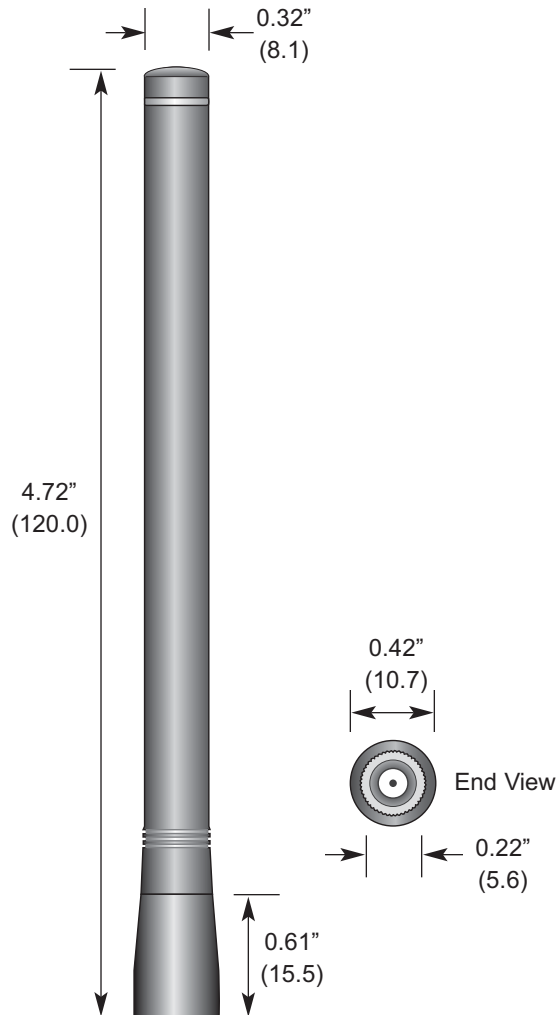


### Product Dimensions



### Description

HW Series antennas deliver outstanding performance in a rugged and cosmetically attractive package. The 315, 418, and 433MHz monopole versions have a 1/4-wave element. The 868 and 916MHz dipole versions have a center-fed 1/2-wave element with an internal ground reference. The antennas attach via a standard SMA or Part 15 compliant RP-SMA connector. Custom colors and connectors are available for volume OEM customers.

### Features

- Low cost
- Excellent performance
- Omni-directional pattern
- Outstanding VSWR
- Rugged & damage-resistant
- Standard SMA or Part 15 compliant RP-SMA connector
- Custom colors and terminations for volume OEMs
- Use with plastic\* or metal enclosures
- Internal O-ring seal on connector

\* Requires proximity ground plane

### Electrical Specifications

- Center Freq. 418MHz
- Recmd. Freq. Range 403-433MHz
- Wavelength 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-418-CW-HW (with RP-SMA connector)
- ANT-418-CW-HW-SMA (with SMA connector)

### VSWR Graph

