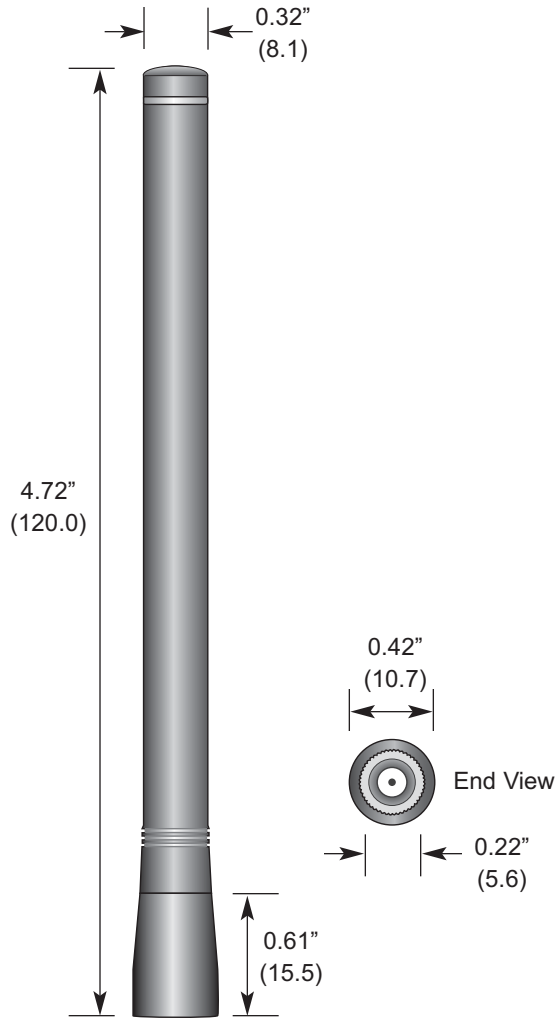
ANT-315-CW-HW DATA SHEET

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

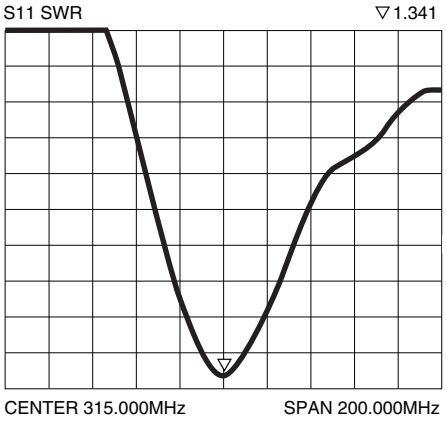
Center Freq.	315MHz
Recmd. Freq. Range	304-325MHz
Wavelength	1/4-wave
VSWR	<2.0 typ. at center
Impedance	50 ohms
Connector	RP-SMA or SMA

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

Ordering Information

- ANT-315-CW-HW (with RP-SMA connector)
- ANT-315-CW-HW-SMA (with SMA connector)

VSWR Graph



Typical VSWR

Antenna Factor 159 Ort Lane Merlin, OR 97532 **www.antennafactor.com**
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