

Antenna Description
FCC ID: TNE-900LMA1

ANT-916-CW-HD

The ANT-916-CW-HD antenna is a reduced-height 1/4-wave antenna, with a flexible internal helical that is overmolded with a heavy-duty protective jacket. It's an excellent choice for outdoor applications or for use in adverse environments where the antenna must resist shock, harsh weather, and tampering. HD Series antennas attach via an FCC Part 15 compliant RP-SMA connector.

Features:

- Reduced-height helical whip
- Omni-directional pattern
- Very low VSWR
- Heavy-duty construction
- Damage-resistant
- Fully weatherized
- Flexible main shaft
- Part 15 compliant RP-SMA connector

Electrical Specifications (ANT-916-CW-HD):

- Center Freq. 916MHz
- Bandwidth 85MHz
- Wavelength 1/4-wave
- VSWR <2.0 typ. at center
- Impedance 50 ohms
- Connector RP-SMA

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ANT-916-SP (Splatch)

The Splatch uses a grounded-line technique to achieve outstanding performance from a tiny surface-mount element. This antenna is designed for hand or reflow mounting directly to a product's circuit board. The Splatch exhibits good proximity performance, making it an appropriate choice for hand-held applications such as remote controls, pagers, and alert devices. Typical performance is below that of many external antennas, but the Splatch is an excellent choice when cosmetic or mechanical issues dictate the use of an internal antenna.

Features:

- Ultra-compact package
- Direct PCB attachment
- Ideal for concealed / internal mounting
- Perfect for compact portable devices
- Suitable for hand- or reflow-assembly
- Resistant to proximity effects

Electrical Specifications (ANT-916-SP):

- Center Freq. 916MHz
- Bandwidth 30MHz
- Wavelength 1/4-wave
- VSWR <1.9 typ. at center
- Impedance 50 ohms
- Surface mount