RF-MDWS-HP-S

Antenna info

Overview:

• Antenna description:

The antenna is a bros wire antenna. Shaped in a helical form and used in a monopole arrangement.

• Applications

- Door/window sensor
- o 319.508 MHz ISM Band Systems

Power:

- Unit is powered by a 3V CR2 lithium battery
 - Typical Capacity: 800 mAh (to 2.0 volts) (rated at 100 ohms at 21°C)
 - Typical Weight: 11 grams
 - Typical Volume: 5.2 cubic centimeters
 - Max Discharge: 1000 mA continuous (2500 mA pulse)
 - Max Rev Charge: 2 uA
 - Typical Li Content: 0.28 grams

Antenna design:

Frequency 319.508 MHz

Length 5.3 inches

Diameter 0.065 inches

Capacitance 9.104 pF

Inductance 27.81 nH

Quarter Wavelength 0.115 m

Antenna Length 65.10 %

Radiation Resistance 0.150 Ohms

