

## Product Datasheet V1.0

409MHz Straight Rod antenna  
**SW409-ZT100**



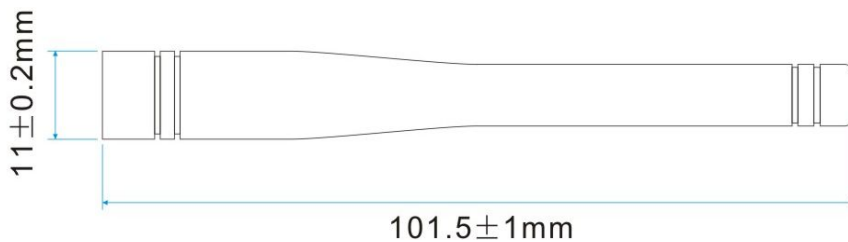
## 1. Description

SW409-ZT100, a gold plated straight rod antenna, designed specially for 409MHz/ meter reading communication system, it has good VSWR, Compact dimensions, easy installation, stable performance, with good anti-vibration and aging ability.

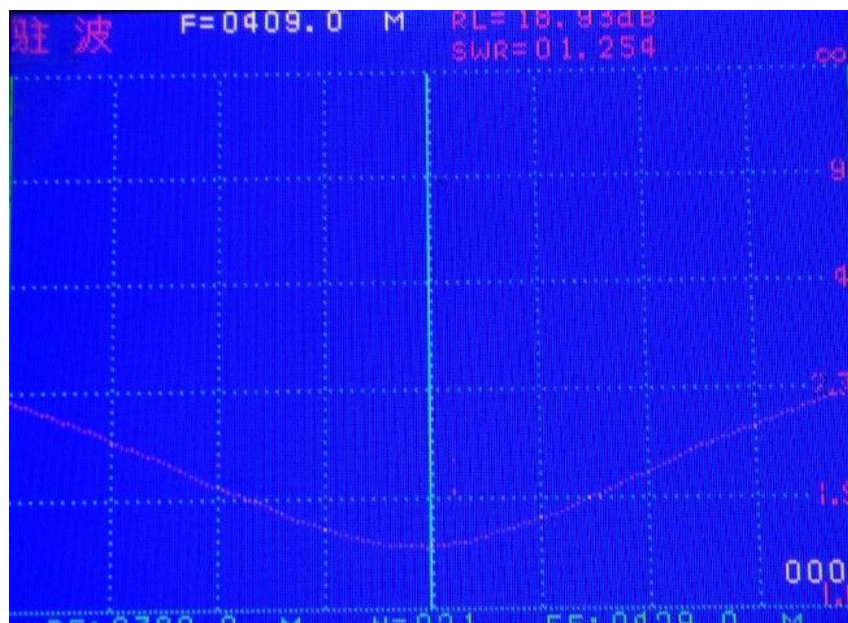
## 2. Technical Parameter

- Frequency Range: 409 (+/-5) MHz
- VSWR:  $\leq 1.5$
- Gain: 2.15 DBI
- Input impedance: 50  $\Omega$
- Max power: 10 W
- Polarization: vertical polarization
- Height: 101.5 $\pm$ 1 mm
- Interface form: SMA-J
- Lead wire: no
- Antenna Color: Black
- Weight: 9 g

## 3. Size



## 4. VSWR Chart



Antennas have been tested under wireless simulated environment by USA HP Network Analyzer.