

- 520MHz Gold-Plated Straight Rod Antenna

Product Specification



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Note: Revision History:

Revision	Date	Comment
V1.0	2024-2	First release

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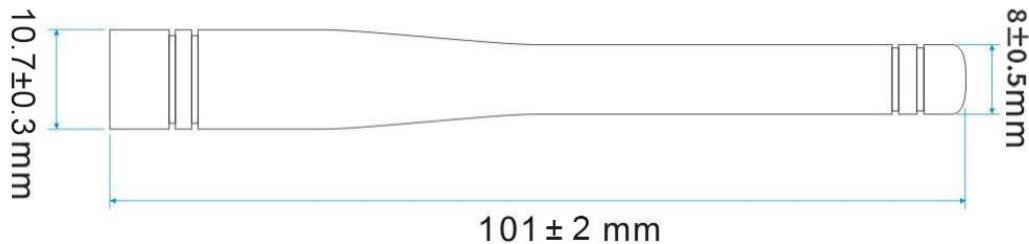
1. Overview

The SW520-ZT100 gold-plated straight rod antenna has excellent standing wave ratio performance, compact size, ingenious structure, easy installation, stable performance, and has good anti-vibration and aging resistance capabilities.

2. Performance Metrics

- Frequency Range: 520 ± 20 MHz
- Voltage Standing Wave Ratio (VSWR): ≤ 1.5
- Gain: 2.15 dBi
- Input Impedance: 50Ω
- Maximum Power: 10 W
- Polarization: Vertical Polarization
- Height: 101 ± 2 mm
- Connector Type: SMA
- Lead Cable: None
- Antenna Color: Black
- Weight: 9 g

3. Mechanical Dimensions (Unit: mm)



4. Standing Wave Ratio (SWR) Graph

The antennas are rigorously tested with a network analyzer under a simulated environment for wireless data transmission systems before they leave the factory.

