

Antenna Specification Sheet

Model No.: SX-ANT-433 (433 MHz ISM Band Internal Antenna)

1. Manufacturer Information

Company Name: Shenzhen Songxin Electronics Co., Ltd.

Address: A side alley behind HouDongyang in Houwu Village, Donglong Town, Huilai County, Jieyang, Guangdong, China

2. Antenna Performance Specifications

Parameter	Value	Unit	Notes
Frequency Range	433.05 - 434.79	MHz	ISM band (433 MHz)
Antenna Gain	1.5 ± 0.5	dBi	Typical value at 433 MHz
VSWR	≤ 2.0	-	Across the operating frequency band
Polarization	Linear	-	Vertical polarization
Impedance	50	Ω	Standard RF interface impedance
Radiation Efficiency	≥ 55	%	Typical value in free space
Peak Direction	Omnidirectional	-	Suitable for short-range wireless communication

Lin jinwei

3. Antenna size diagram



