

Antenna Specification Sheet

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

1. Manufacturer Information

Company Name: Zhongshan Dingwei Electronics Technology Co., Ltd.
Address: 2nd Floor, No. 28, Qingfeng 8th Road, Xiaolan Town, Zhongshan City, Guangdong Province, 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

3. Antenna size diagram



