



TX433-TH-24L3 弹簧天线规格书

钢镀镍 弹簧天线

Steel nickel-plated spring antenna

第一章 产品简介(Chapter one Product introduction)

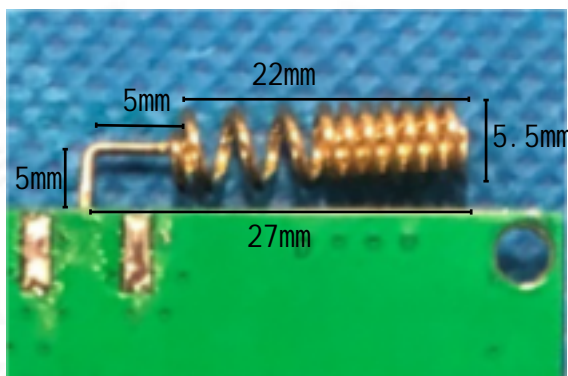
TX433-TH-24L3 是一款钢镀镍的弹簧天线。

The TX433-TH-24L3 is a spring antenna made of steel plated nickel

第二章 规格参数(Chapter two Specification parameters)

基本参数	
频率 frequency	433M
阻抗 impedance	50 Ω
接口方式 Mode of interface	焊接 welding
天线增益 Gain of antenna	1dBi
材质 The material	钢镀镍 Nickel plating on steel
天线尺寸 Size of antenna	圈径: 5.5mm, 线径: 0.8mm, 总长: 27mm Ring diameter: 5.5mm, wire diameter: 0.8mm, total length: 27mm

第三章 产品尺寸(Chapter three Product dimensions)



第四章 常见问题(Chapter 4 Frequently Asked Questions)

- 天线频率必须和无线设备频率匹配，否则通信效果不佳；
- 通信频率越低，波长越长，绕射性能越好；
- 当存在直线通信障碍时，通信距离会相应的衰减；
- 请注意天线辐射方向，天线安装方向不正确导致传输距离近；
- 地面吸收无线电波，靠近地面测试效果较差，建议提高高度；
- 海水具有极强的吸收无线电波能力，故海边测试效果不佳；
- 天线附近有金属物体或置于金属壳内，信号衰减会非常严重；
- 天线与通信设备阻抗匹配程度差会导致通信效果差。

The antenna frequency must match the wireless device frequency, otherwise the communication effect is not good;

The lower the communication frequency, the longer the wavelength, the better the diffraction performance;

When there is a linear communication barrier, the communication distance will be attenuated accordingly;

Please pay attention to the antenna radiation direction, the incorrect antenna installation direction leads to the short transmission distance;

The ground absorbs radio waves, and the test results close to the ground are poor, so it is recommended to raise the height;

Seawater has a strong ability to absorb radio waves, so the seaside test results are not good;

If there are metal objects near the antenna or placed in a metal shell, the signal attenuation will be very serious;

The poor matching degree of impedance between antenna and communication device will lead to poor communication effect.

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