



Product Information	
Model	HTT01
Length	13.5mm
Manufacturer	HUO FU Wireless Technology
Frequency	315/433MHz
Gain	2dBi
VSWR	≤1.5

Product Description:

This product is compatible with Huofu Wireless 315/433 MHz wireless modules, including models: H34S, H34P, JR43B, SX1278, SX1278W1, JK1278A, JC1278A, DTX1K, DRX1K, JJ43A, H34R, H34F, and other products.

Made of phosphor bronze, it offers high gain and long-range performance.

Key Features:

- High gain
- Phosphor bronze
- Easy to solder

Performance Specifications:

Gain: 2dBi

VSWR: ≤ 1.5

Frequency: 315/433MHz

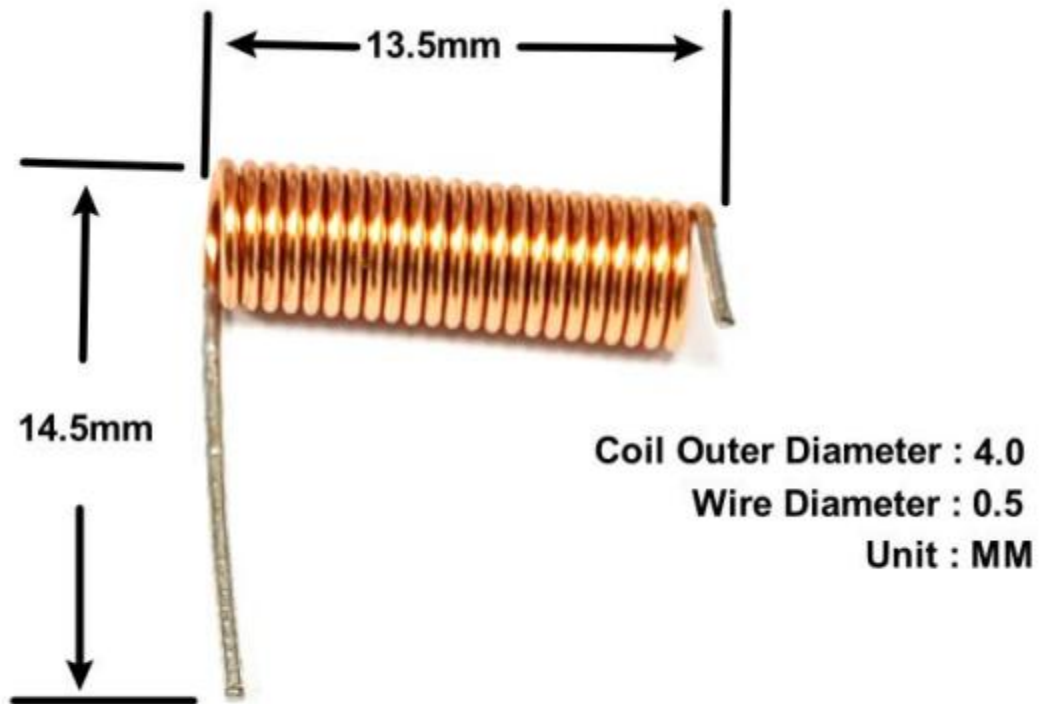
Length: 13.5mm

Impedance: 50 Ω

Material: Phosphor Bronze

Product Appearance:



Product Dimensions:**Typical Applications:**

- Remote Control Toys
- Remote Controllers
- Anti-theft Alarms
- Wireless Anti-loss Devices
- Remote Control Switches
- Remote Control Lighting
- Electric Vehicle Alarms
- and more

Connection Method:

Direct soldering with solder wire.

Precautions

1. The wireless module should preferably be placed near the board edge, with a width of approximately 1 mm ideally matching the pad width of C2.
2. Do not pour copper or route traces directly beneath the antenna.
3. Large-area copper pouring should be applied in other areas.
4. Add vias between ground planes of multiple layers to ensure consistent ground potential everywhere.
5. Reserve footprints for components C1, C2, and C3 for antenna tuning. After prototyping, install a 002 resistor at C3 to test transmission range. If the range is insufficient and tuning is required, please contact our company.
6. No metal objects, screw holes, etc. are allowed near the antenna.
7. Antenna performance is highly dependent on the enclosure. The enclosure near the antenna must not use metal or metallic paint.
8. In general, it is recommended to use our standard spring antenna or wire antenna for optimal performance.