

**[VTECH]**

**[2.4GHz Dipole Antenna]**

**Model:** VM924BU

**Antenna description:**

This dipole antenna is optimized and used in the Baby unit in the baby monitor models. This antenna is directly soldered to the RF output in the main PCB.

**Ordering information:**

| Model Number | Description           |
|--------------|-----------------------|
| VM924BU      | 2.4GHz Dipole Antenna |

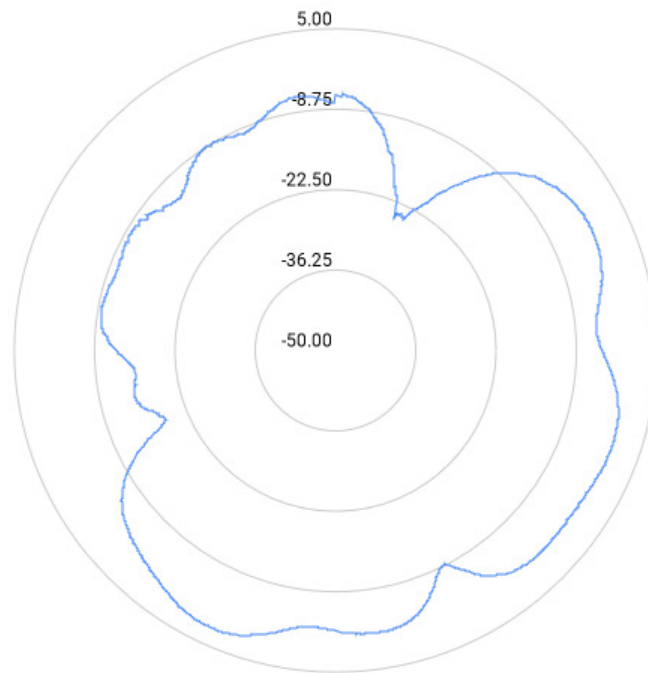
**Specification:**

|                           |                                                                                |
|---------------------------|--------------------------------------------------------------------------------|
| Operation Frequency Range | 2405-2475 MHz                                                                  |
| Maximum Gain              | 2 dBi                                                                          |
| Type                      | Dipole                                                                         |
| Operation bandwidth       | 70MHz                                                                          |
| Nominal Impedance         | ~50 ohms                                                                       |
| Connectors                | -                                                                              |
| Dimensions                | 81mm x Ø 9mm                                                                   |
| Manufacturer              | Vtech Telecommunications Ltd                                                   |
| Manufacturer address      | 23/F, Tai Ping Industrial Centre, Blk1,<br>57 Ting Kok Road, Tai Po, Hong Kong |
| Model number              | ANT-VM924-F-FH-1                                                               |

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Antenna pattern (2441MHz) (the frequency with max.gain)



Coordination:



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Physical Dimension:

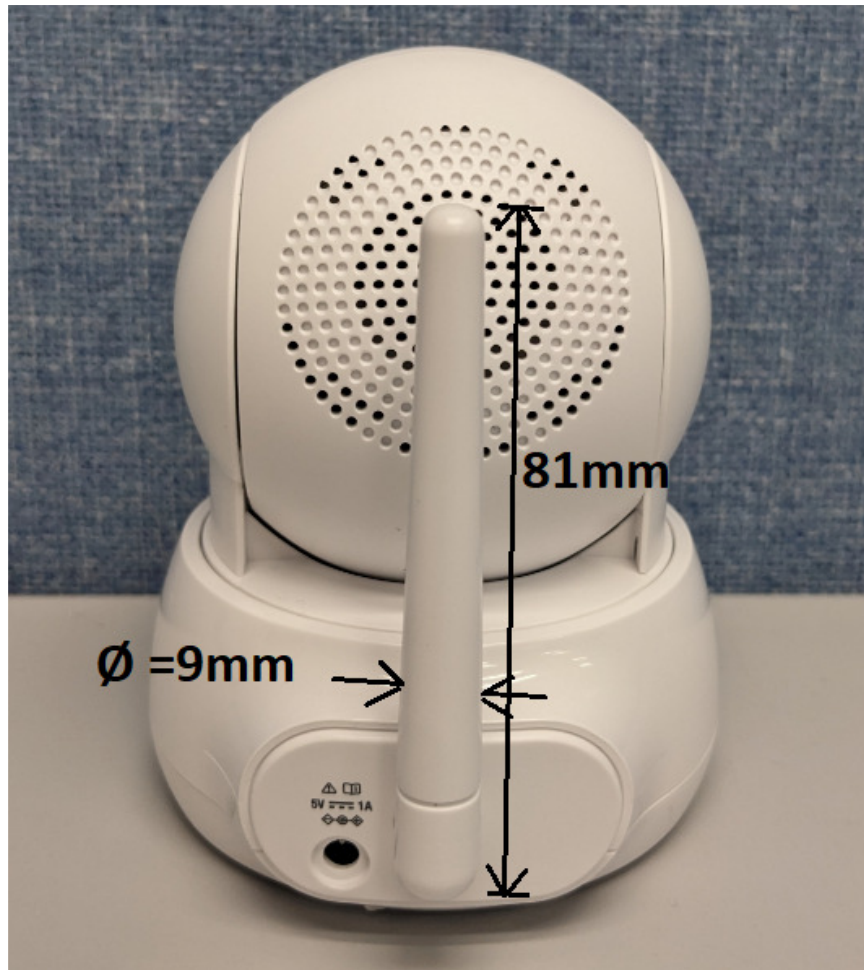


Figure 1 Physical dimension (mm)