

**[VTECH]**

**[2.4GHz Dipole Antenna]**

**Model: VM934 BU**

**Antenna description:**

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

**Ordering information:**

| Model Number | Description           |
|--------------|-----------------------|
| VM934 BU     | 2.4GHz Dipole Antenna |

**Specification:**

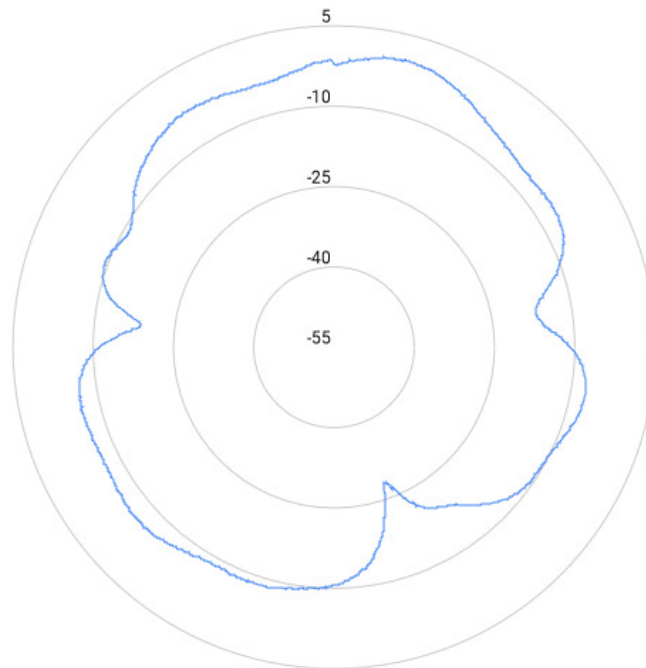
|                           |                                                                                |
|---------------------------|--------------------------------------------------------------------------------|
| Operation Frequency Range | 2405-2475 MHz                                                                  |
| Maximum Gain              | 0 dBi                                                                          |
| Type                      | Dipole Antenna                                                                 |
| Operation bandwidth       | 70MHz                                                                          |
| Nominal Impedance         | ~50 ohms                                                                       |
| Connectors                | -                                                                              |
| Dimensions                | Refer to the graph at figure 1                                                 |
| 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-VM934-F-FH-1                                                               |

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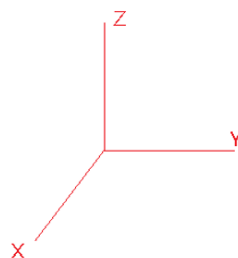
## [2.4GHz Dipole Antenna]

Antenna pattern (2436MHz) (the frequency with maximum gain)

XY plane (gain theta)



Coordination:



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[2.4GHz Dipole Antenna]

Physical Dimension:

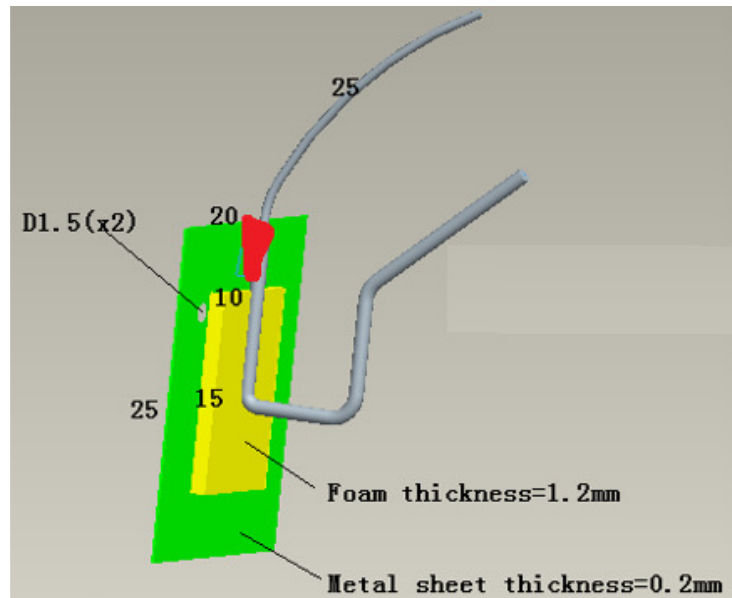


Figure 1 Physical dimension (mm)