

## [VTECH]

### [2.4GHz Dipole Antenna]

**Model:** LF2936 BU

#### **Antenna description:**

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

#### **Ordering information:**

<b>Model</b>	<b>Description</b>
LF2936 BU	2.4GHz Dipole Antenna

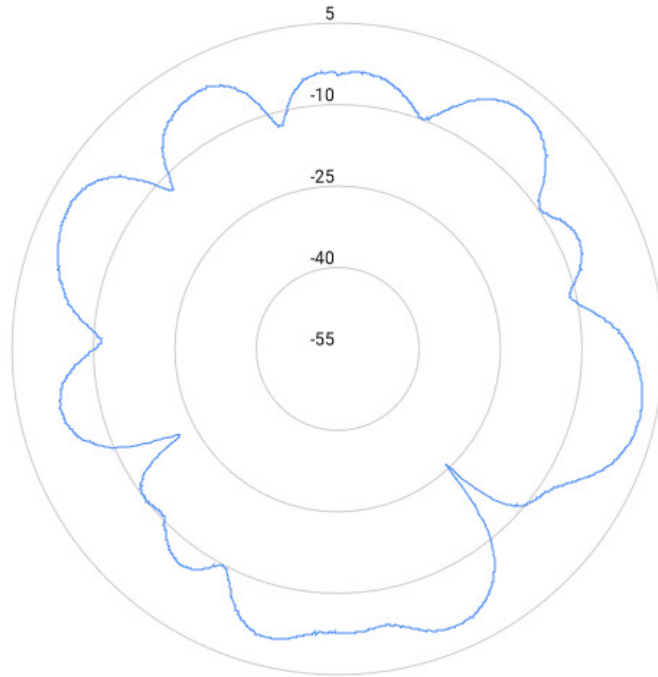
#### **Specification:**

<b>Operation Frequency Range</b>	2412-2472 MHz
<b>Maximum Gain</b>	2 dBi
<b>Type</b>	Dipole
<b>Operation bandwidth</b>	60MHz
<b>Nominal Impedance</b>	~50 ohms
<b>Connectors</b>	-
<b>Dimensions</b>	42 x 15 mm
<b>Manufacturer</b>	Vtech Telecommunications Ltd
<b>Manufacturer address</b>	23/F, Tai Ping Industrial Centre, Blk1, 57 Ting Kok Road, Tai Po, Hong Kong
<b>Model number</b>	ANT-LF2936-F-WI-1

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

XY plane (gain theta)



Coordination:



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**Physical Dimension:**



*Figure 1 Physical dimension (mm)*