

[VTECH]

[2.4GHz Dipole Antenna]

Model: RM2851 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	Description
RM2851 BU	2.4GHz Monopole Antenna

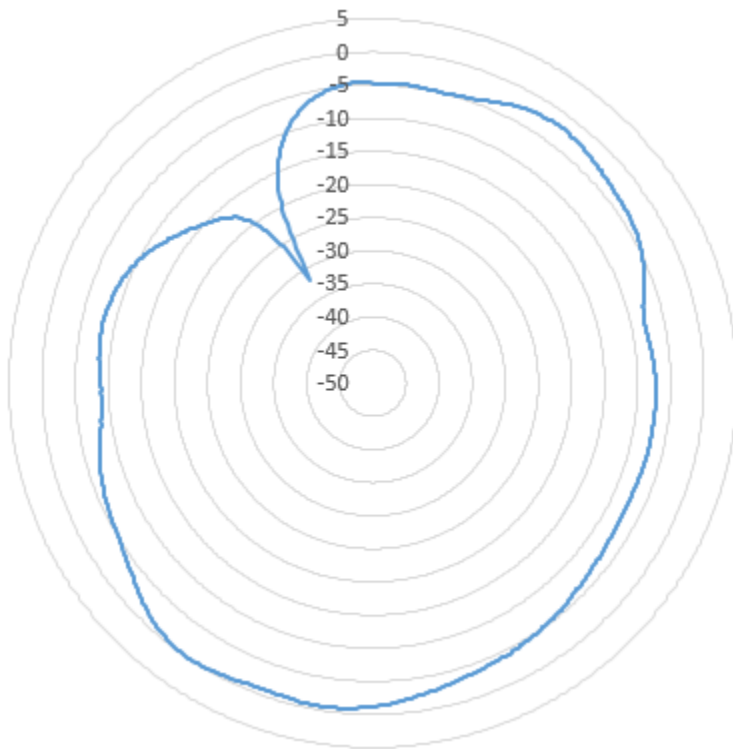
Specification:

Operation Frequency Range	2412-2472 MHz
Maximum Gain	0 dBi
Type	Monopole
Operation bandwidth	60MHz
Nominal Impedance	~50 ohms
Connectors	-
Dimensions	20mm x 10mm
Manufacturer	Vtech Telecommunications Ltd
Manufacturer address	23/F, Tai Ping Industrial Centre, Blk1, 57 Ting Kok Road, Tai Po, Hong Kong
Model number	ANT-RM2851v2-F-WI-1

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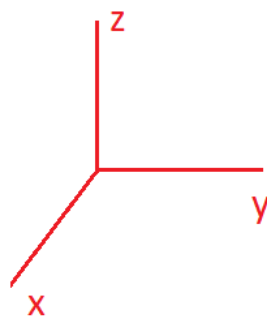
[2.4GHz Dipole Antenna]

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



XY plane (gain theta)

Coordination:



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[2.4GHz Dipole Antenna]

Physical Dimension:

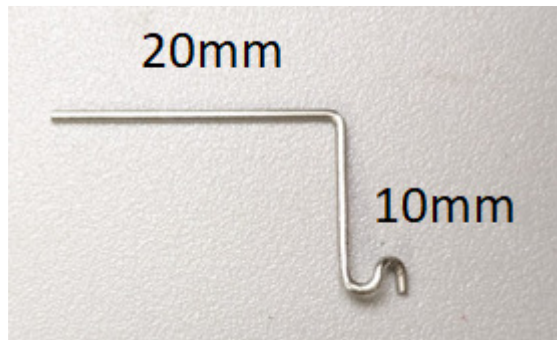


Figure 1 Physical dimension (mm)

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[2.4GHz Dipole Antenna]

Model: RM2851 BU

Antenna description:

This 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	Description
RM2851 BU	2.4GHz dipole antenna

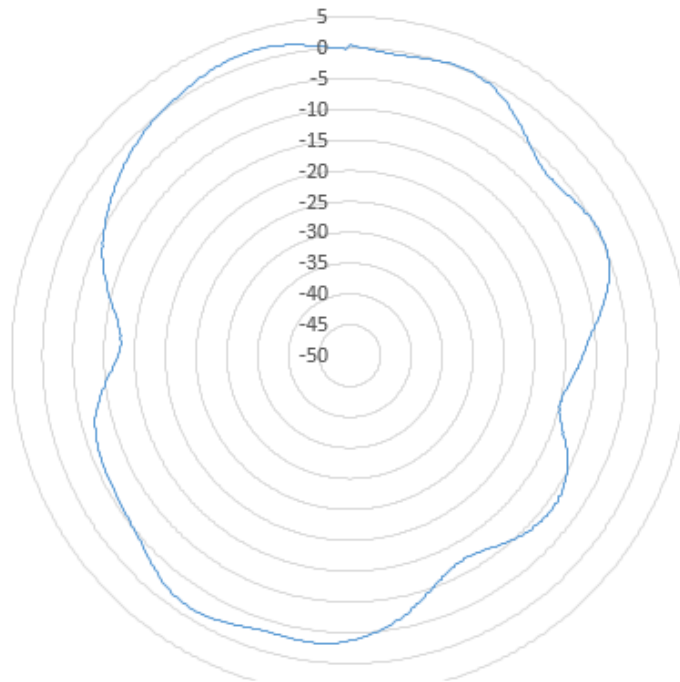
Specification:

Operation Frequency Range	2405-2475 MHz
Maximum Gain	2 dBi
Type	dipole
Operation bandwidth	70MHz
Nominal Impedance	~50 ohms
Connectors	-
Dimensions	52mm x 8mm
Manufacturer	Vtech Telecommunications Ltd
Manufacturer address	23/F, Tai Ping Industrial Centre, Blk1, 57 Ting Kok Road, Tai Po, Hong Kong
Model number	ANT-RM2851v2-F-FH-1

[VTECH]

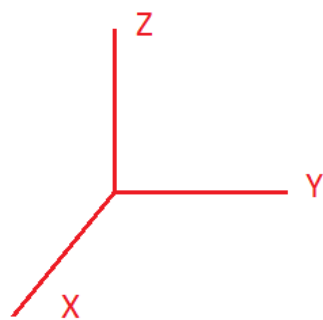
[2.4GHz Dipole Antenna]

Antenna pattern (2442MHz) (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)

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[2.4GHz Monopole Antenna]

Model: RM2851 BU

Antenna description:

This 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	Description
RM2851 BU	2.4GHz Helical Antenna

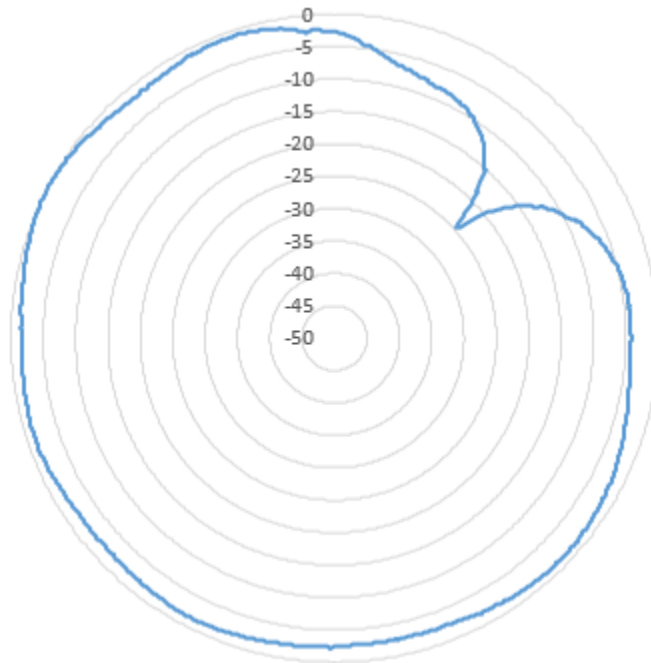
Specification:

Operation Frequency Range	2400-2480 MHz
Maximum Gain	0 dBi
Type	Helical
Operation bandwidth	80MHz
Nominal Impedance	~50 ohms
Connectors	-
Dimensions	15mm x Ø5mm
Manufacturer	Vtech Telecommunications Ltd
Manufacturer address	23/F, Tai Ping Industrial Centre, Blk1, 57 Ting Kok Road, Tai Po, Hong Kong
Model number	ANT-RM2851v2-F-BT-1

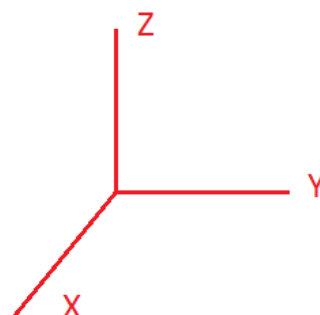
[VTECH] [2.4GHz Monopole Antenna]

Antenna pattern (2440MHz) (the frequency with maximum gain)

XY plane (gain theta)



Coordination:



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[2.4GHz Monopole Antenna]

Physical Dimension:

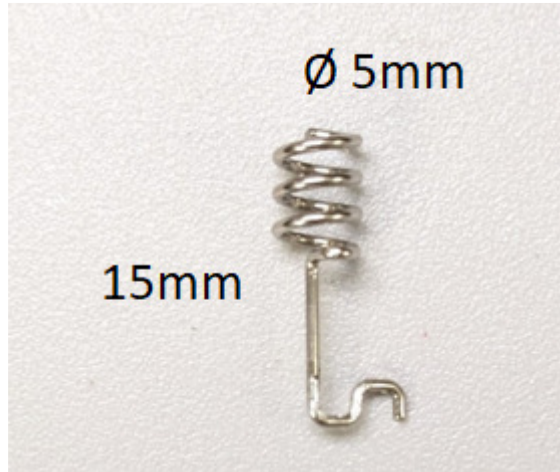


Figure 1 Physical dimension (mm)