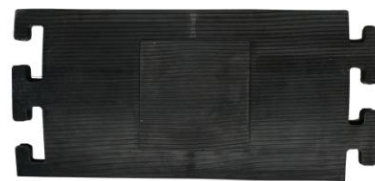


# UHF RFID antenna

## DT 1152



### Introduction

\***Size:**1100\*520 \*27mm

\***Working frequency:**902-928MHz ( It can be adjusted according to different countries or regions )

\***Gain:**6dBi

\***polarization:**vertical polarization

\***Weight:**12.6KG

### Features

\***1.**Ultra-thin design, easy to install, antenna gain 6dBi;

\***2.**Anti-interference, waterproof and dustproof, outdoor all-weather work, suitable for all kinds of harsh environments, fast reading and writing speed;

\***3.**Application fields: sports timing, asset management.

### Specification description

Model	DT1152
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#### Electrical performance parameters

input impedance	50Ω
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standing-wave ratio	≤1.5
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Connection interface	TNC Male or user specified
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Front-back ratio-dB	≥20
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polarization	vertical polarization
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V-plane lobe broadband-°	110
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H-plane lobe broadband-°	120
--------------------------	-----

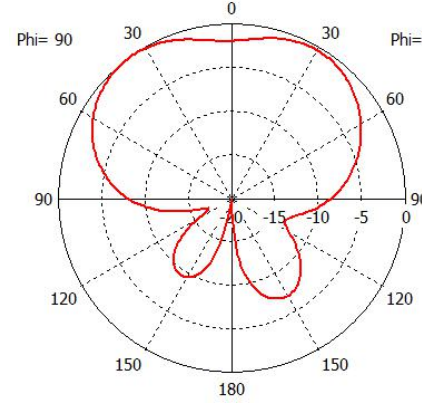
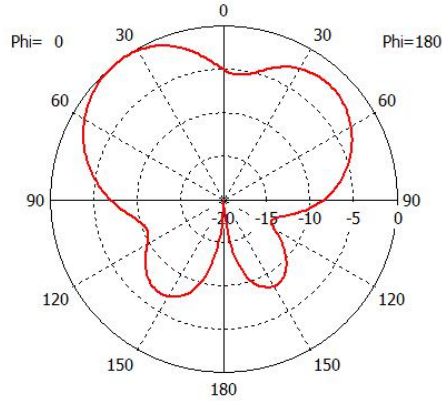
Lightning protection	DC grounding
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### Directional diagram

3dB beam width

902 ~ 928MHz:horizontal level

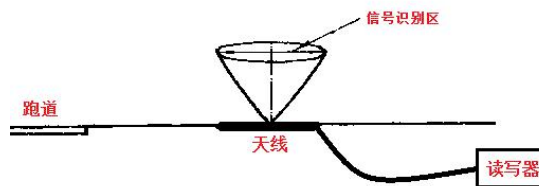
902 ~ 928MHz:vertical plane



### Mechanical parameters

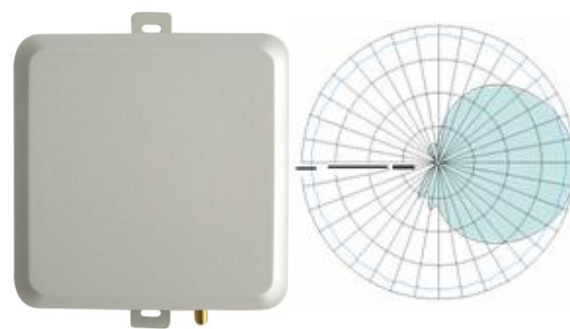
Weight	12.6kg
Material	rubber
Maximum input power	20W
Working temperature	-40°C to+60°C
Storage temperature	-40°C to+ 80°C
Installation mode	Tile on the ground
size	1100*520*27mm

Installation diagram



# UHF RFID antenna

## PC06



### Introduction

\***Size:**130\*130 \*18mm

\***Working frequency:**902-928MHz ( It can be adjusted according to different countries or regions )

\***Gain:**6dBi

\***polarization:**circular polarization

\***Weight:**0.2KG

### Features

\***1.**Ultra-thin design, easy to install, antenna gain 6dBi;

\***2.**Anti-interference, waterproof and dustproof, outdoor all-weather work, suitable for all kinds of harsh environments, fast reading and writing speed;

\***3.**Application fields: intelligent retail, asset management, freezer management.

### 规格描述

Model	PC06
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#### Electrical performance parameters

Input impedance	50Ω
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standing-wave ratio	≤1.5
---------------------	------

Connection interface	SMA port
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Front-back ratio-dB	≥20
---------------------	-----

polarization	circular polarization
--------------	-----------------------

V-plane lobe broadband-°	90
--------------------------	----

H-plane lobe broadband-°	90
--------------------------	----

Lightning protection	DC grounding
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#### Mechanical parameters

Weight	0.2kg
--------	-------

Material	ABS
----------	-----

Maximum input power	50W
---------------------	-----

Working temperature	-40°C to+60°C
---------------------	---------------

Storage temperature	-40°C to+ 80°C
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Installation mode	Hanging ear installation
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# UHF RFID antenna

## PC08



### Introduction

**\*Size:**180\*180 \*25mm

**\*Working frequency:**902-928MHz ( It can be adjusted according to different countries or regions )

**\*Gain:**8dBi

**\*polarization:**circular polarization

**\*Weight:**0.3KG

### Features

**\*1.**Ultra-thin design, easy to install, antenna gain 8dBi;

**\*2.**Anti-interference, waterproof and dustproof, outdoor all-weather work, suitable for all kinds of harsh environments, fast reading and writing speed;

**\*3.**Application fields: intelligent retail, asset management, freezer management.

### Specification description

Model	PC08
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#### Electrical performance parameters

input impedance	50Ω
-----------------	-----

standing-wave ratio	≤1.5
---------------------	------

Connection interface	SMA port
----------------------	----------

Front-back ratio-dB	≥20
---------------------	-----

polarization	circular polarization
--------------	-----------------------

V-plane lobe broadband-°	60
--------------------------	----

H-plane lobe broadband-°	60
--------------------------	----

Lightning protection	DC grounding
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#### Mechanical parameters

Weight	0.3kg
--------	-------

Material	ABS
----------	-----

Maximum input power	50W
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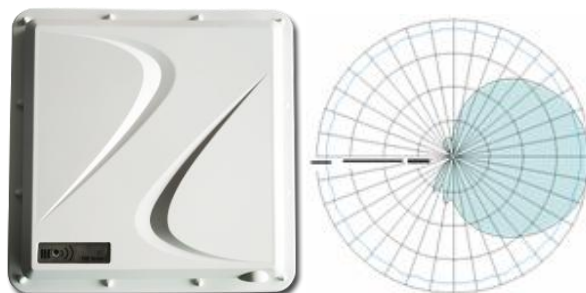
Working temperature	-40°C to+60°C
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Storage temperature	-40°C to+ 80°C
---------------------	----------------

Installation mode	Hanging ear installation
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# UHF RFID antenna

## PC09



### Introduction

\***Size:**255(长)\*255(宽) \*33(高)mm

\***Working frequency:**902-928MHz ( It can be adjusted according to different countries or regions )

\***Gain:**9dBi

\***polarization:**circular polarization

\***Weight:**0.3KG

### Features

\***1.**Ultra-thin design, easy to install, antenna gain 9dBi;

\***2.**Anti-interference, waterproof and dustproof, outdoor all-weather work, suitable for all kinds of harsh environments, fast reading and writing speed;

\***3.**Application fields: intelligent retail, asset management, freezer management.

### Specification description

Model	PC09
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#### Electrical performance parameters

input impedance	50Ω
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standing-wave ratio	≤1.4
---------------------	------

Connection interface	TNC port
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Front-back ratio-dB	≥20
---------------------	-----

polarization	circular polarization
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V-plane lobe broadband-°	70
--------------------------	----

H-plane lobe broadband-°	70
--------------------------	----

Lightning protection	DC grounding
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#### Mechanical parameters

Weight	0.85kg
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Material	ABS
----------	-----

Maximum input power	50W
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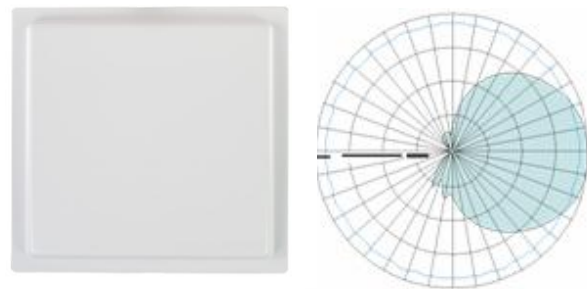
Working temperature	-40°C to+60°C
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Storage temperature	-40°C to+ 80°C
---------------------	----------------

Installation mode	Holding pole installation φ30-50mm
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# UHF RFID antenna

## PC12



### Introduction

\***Size:**445\*445 \*42mm

\***Working frequency:**902-928MHz ( It can be adjusted according to different countries or regions )

\***Gain:**12dBi

\***polarization:**vertical polarization

\***Weight:**3.9KG

### Features

\***1.**Ultra-thin design, easy to install, antenna gain 12dBi;

\***2.**Anti-interference, waterproof and dustproof, outdoor all-weather work, suitable for all kinds of harsh environments, fast reading and writing speed;

\***3.**Application fields: intelligent retail, asset management, freezer management.

### Specification description

Model	PC12
-------	------

#### Electrical performance parameters

input impedance	50Ω
-----------------	-----

standing-wave ratio	≤1.4
---------------------	------

Connection interface	TNC 座
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Front-back ratio-dB	≥20
---------------------	-----

polarization	vertical polarization
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V-plane lobe broadband-°	60
--------------------------	----

H-plane lobe broadband-°	60
--------------------------	----

Lightning protection	DC grounding
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#### Mechanical parameters

Weight	3.92kg
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Material	ABS
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Maximum input power	100W
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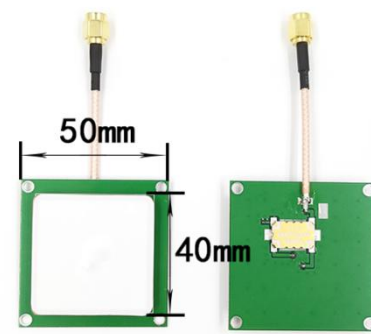
Working temperature	-40°C to+60°C
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Storage temperature	-40°C to+ 80°C
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Installation mode	Holding pole installation φ40-80mm
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# UHF RFID antenna

## CC02



### Introduction

\***Size:**50\*50 \*5mm

\***Working frequency:**902-928MHz ( It can be adjusted according to different countries or regions )

\***Gain:**2dBi

\***polarization:**circular polarization

\***Weight:**0.2KG

### Features

\***1.**antenna gain 2dBi;

\***2.**Anti-interference, small size, suitable for embedded installation;

\***3.**Application fields: intelligent retail, asset management, freezer management.

### Specification description

Model CC02

#### Electrical performance parameters

input impedance 50Ω

standing-wave ratio  $\leq 1.5$

Connection interface SMA port

Front-back ratio-dB  $\geq 20$

polarization RHCP

V-plane lobe broadband-° 45

H-plane lobe broadband-° 45

Lightning protection DC grounding

#### Mechanical parameters

Weight 0.2kg

Material PCB ceramics

Maximum input power 100W

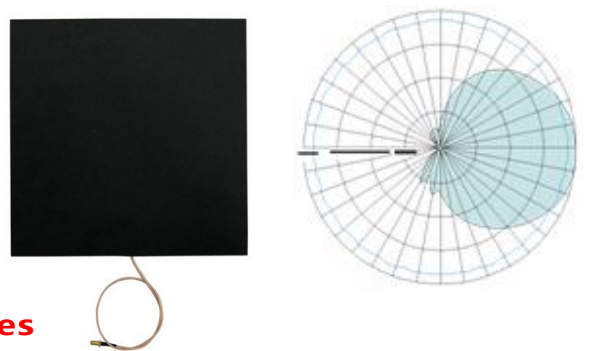
Working temperature -40°C to+85°C

Storage temperature -55°C to+ 100°C

Installation mode Screw fixation

# UHF RFID antenna

## BC2323



### Introduction

\***Size:**230\*230 \*6mm

\***Working frequency:**902-928MHz ( It can be adjusted according to different countries or regions )

\***Gain:**10dBi

\***polarization:**circular polarization

\***Weight:**0.3KG

### Features

\***1.**Near-field antenna with antenna gain of 10dBi;

\***2.**Anti-interference, waterproof and dustproof, outdoor all-weather work, suitable for all kinds of harsh environments, fast reading and writing speed;

\***3.**Application fields: intelligent retail, asset management, freezer management.

### Specification description

Model	BC2323
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#### Electrical performance parameters

input impedance	50Ω
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standing-wave ratio	≤1.8
---------------------	------

Connection interface	SMA port
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Front-back ratio-dB	≥20
---------------------	-----

polarization	circular polarization
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V-plane lobe broadband-°	--
--------------------------	----

H-plane lobe broadband-°	--
--------------------------	----

Lightning protection	DC grounding
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#### Mechanical parameters

Weight	0.3kg
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Material	PVC
----------	-----

Maximum input power	50W
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Working temperature	-20°C to+55°C
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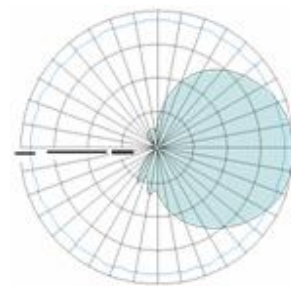
Storage temperature	-20°C to+ 70°C
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Installation mode	Screw fixation
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# UHF RFID antenna

## BC3030



### Introduction

\***Size:**300\*300 \*6mm

\***Working frequency:**902-928MHz ( It can be adjusted according to different countries or regions )

\***Gain:**15dBi

\***polarization:**circular polarization

\***Weight:**0.5KG

### Features

\***1.**Near-field antenna with antenna gain of 15dBi;

\***2.**Anti-interference, waterproof and dustproof, outdoor all-weather work, suitable for all kinds of harsh environments, fast reading and writing speed;

\***3.**Application fields: intelligent retail, asset management, freezer management.

### Specification description

Model	BC3030
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#### Electrical performance parameters

input impedance	50Ω
-----------------	-----

standing-wave ratio	≤1.8
---------------------	------

Connection interface	SMA port
----------------------	----------

Front-back ratio-dB	≥20
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polarization	circular polarization
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V-plane lobe broadband-°	--
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H-plane lobe broadband-°	--
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Lightning protection	DC grounding
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#### Mechanical parameters

Weight	0.5kg
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Material	PVC
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Maximum input power	50W
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Working temperature	-20°C to+55°C
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Storage temperature	-20°C to+ 70°C
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Installation mode	Screw fixation
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