

Weibonuo Communication FarField Pro Series

FarField Pro/Long Range UHF RFID PCB Antenna

Model: WBN-FF/RFID(US)4020

Applications

- ❶ 902–928MHz (RFID) Radio Frequency Identification
- ❷ 865–868MHz for ETSI is available on requirement
- ❸ File document & Jewelry Cabinet
- ❹ Tool Management, Retail Smart Checkout

Features

- ❶ Offer True FarField read zones
- ❷ Easy Installation hidden
- ❸ No surface dead zones
- ❹ Low VSWR at 1.3 with available cable extension

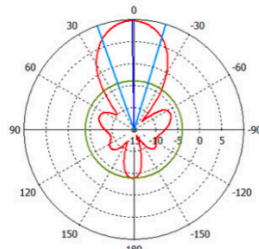
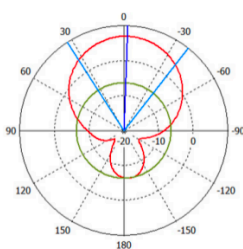
Descriptions

The WBN-FF/RFID(US)4020 NearField Pro antennas are explicitly designed for applications, which require “Far zone only” tag detection or involves metals, liquids or any other challenging materials. With almost any far-field components and no surface dead spots, this FarField Pro antennas provide reliable tag reads within a flexible read zone depends on input power of reader

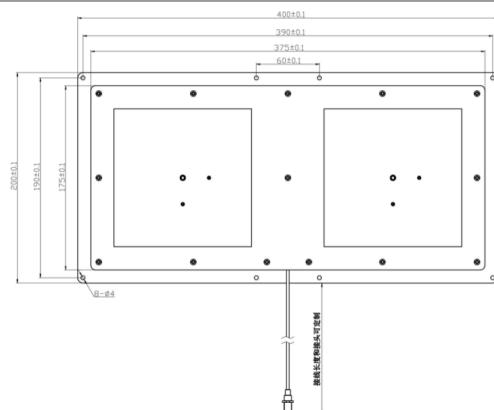
Thanks to our unique antenna design, which scales easily in size, this FarField Pro antenna series offers Four dimension. If you require a different surface, please tell us:



Radiation Pattern



Dimension



Mechanical Specifications

Cable Length	30cm Cable
Connector	SMA–Male/Female (Optional)
Weight	0.41 Kg
Dimensions	400 x 200 x 14 mm
Radome Material	PCB
Radome Color	Black/White/Green/Blue (Optional)

Electrical Specifications

Frequency Range	902–928MHz
Gain	9dBi
Polarization	Circular
VSWR (Typ)	< 1.3
Axial Ratio	≤3dB
Horizontal Beam–Width	40°
Vertical Beam–Width	70°
Max. Input Power	50 Watts
Impedance	50 Ohm
Lightning Protection	DC Grounded

* The products and specifications described in this document are subject to change without notice.

Thanks to our unique antenna design, which scales easily in size, the FarField Pro antenna series offers different dimensions. If you require a different surface, please tell us:

The following are our standard far field antenna

Model No.	Antenna Dimension – mm	Gain – dBi
WBN-FF/RFID(US)1010	101x 101 x 10mm	4dBi
WBN-FF/RFID(US)1919	190 x 190 x 16 mm	8dBi
WBN-FF/RFID(US)2020	200x 200 x 14mm	7dBi
WBN-FF/RFID(US)2511	250 x 110 x 20mm	4dBi
WBN-FF/RFID(US)3419	340 x 190 x 09mm	5.5dBi
WBN-FF/RFID(US)3030	300 x 300 x 20mm	10dBi
WBN-FF/RFID(US)3434	340 x 340 x 20mm	9dBi
WBN-FF/RFID(US)3730	370 x 300 x 20mm	9dBi
WBN-FF/RFID(US)3520	360 x 200 x 21mm	10dBi
WBN-FF/RFID(US)3535	350 x 350 x 20mm	9dBi
WBN-FF/RFID(US)4008	400 x 80 x 25mm	5dBi
WBN-FF/RFID(US)4020	400 x 200 x 14mm	9dBi
WBN-FF/RFID(US)4620	460 x 200 x 14mm	9dBi
WBN-FF/RFID(US)6040	600 x 400 x 25mm	14dBi
WBN-FF/RFID(US)6819	680 x 190 x 20mm	11dBi

*For custom sizes, please contact sales. More info about our custom antenna design processes
please email sales@weibonuo.com

Enabling communications,
anywhere, everywhere.

We listen and answer to your needs with our experience and capability in the industry

www.weibonuo.com

Visit our website or contact our representative for more information.

