

WEIBONUO Communication NearField Pro Series**Short Range UHF RFID Antenna****Model: WBN–NF/RFID(US)1515****Applications**

- ❶ Retail Smart Checkout
- ❷ Tool Management
- ❸ File document & Jewelry Cabinet

Features

- ❶ Offer True NearField read zones
- ❷ A wide range of connectors available
- ❸ No surface dead zones
- ❹ Easy Installation, Stable performance

Descriptions

The WBN–NF/RFID(US)1515 is part of the new NearField Pro Antenna Series offering a 150 mm square surface with slim profile of just 7 mm.

This NearField Pro antennas are explicitly designed for applications, which require “near zone only” tag detection or involves metals, liquids or any other challenging materials. With hardly any far–field components and no surface dead spots, the NearField Pro antennas provide reliable tag reads within a very constricted read zone.

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

WBN–NF/RFID(US)9630 (960 x 300 x 08mm)

WBN–NF/RFID(US)5636 (560 x 360 x 10mm)

WBN–NF/RFID(US)3030 (300 x 300 x 09mm)

WBN–NF/RFID(US)2020 (200 x 200 x 07mm)

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



Mechanical Specifications

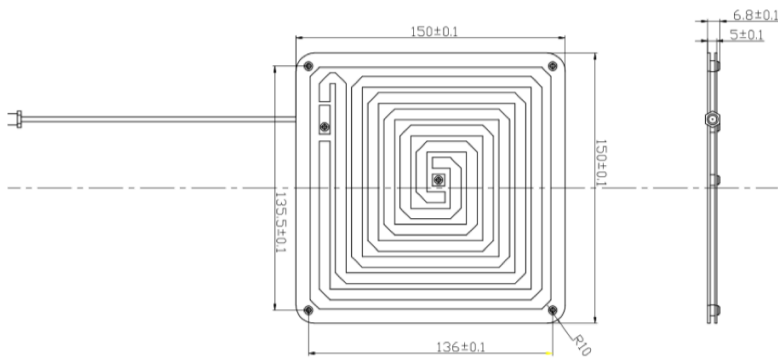
Cable Length	30cm Cable
Connector	SMA–Male (Optional)
Weight	0.15 Kg
Dimensions	150 x 150 x 7 mm
Radome Material	PCB
Radome Color	Black/White/Green/Blue

Electrical Specifications

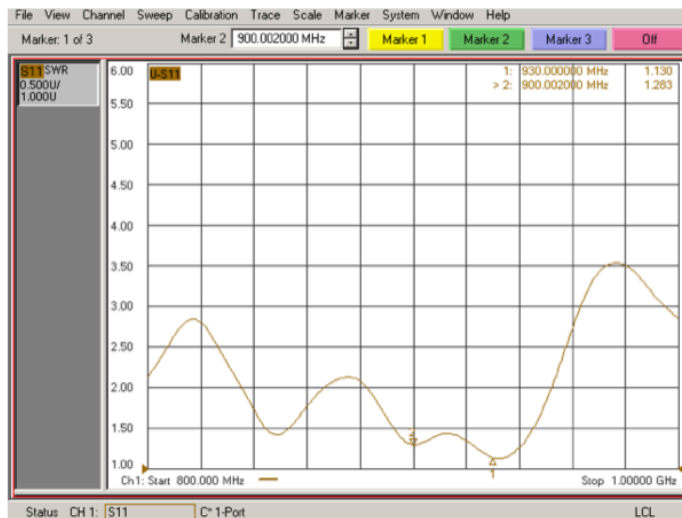
Frequency Range	902–928MHz
VSWR (Typ)	< 1.5
Axial Ratio	≤3dB
Max. Input Power	50 Watts
Impedance	50 Ohm
Lightning Protection	DC Grounded

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

Dimension



VSWR Demonstration



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

The following are our standard near field antenna

Model No.	Antenna Dimension – mm	Gain – dBi
WBN-NF/RFID(US)1515	150x 150 x 07mm	/
WBN-NF/RFID(US)2020	200 x 200 x 07 mm	/
WBN-NF/RFID(US)2626	260 x 260 x 08mm	/
WBN-NF/RFID(US)3030	300 x 300 x 09mm	/
WBN-NF/RFID(US)4040	400 x 400 x 08mm	/
WBN-NF/RFID(US)5110	510 x 100 x 06mm	/
WBN-NF/RFID(US)5132	510 x 320 x 10mm	/
WBN-NF/RFID(US)5636	560 x 360 x 10mm	/
WBN-NF/RFID(US)6060	600 x 600 x 09mm	/
WBN-NF/RFID(US)9830	980 x 300 x 08mm	/

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Enabling communications,
anywhere, everywhere.

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

www.weibonuo.com

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