

## Weibonuo Communication MIMO Outdoor Small Cell $\pm 45^\circ$

13dBi 698–960MHz 2x2 Stadium Antenna IP65

Model: WBN-SC0609X13i65A

### Applications

- ❶ Supporting 2G/3G/4G LTE/ WLAN network
- ❷ Typically used in outdoor distribution of signal coverage
- ❸ Improves outdoor wireless network coverage and capacity
- ❹ Outdoor wireless networks and Cellular networks

### Features

- ❶ Low PIM -150dBc @ 2 x 43dBm
- ❷ Low VSWR at 1.5
- ❸ High quality PVC radome with plastic nut for easy installation
- ❹ Attractive, compact design and form factor ideal for Indoor distributor antenna system

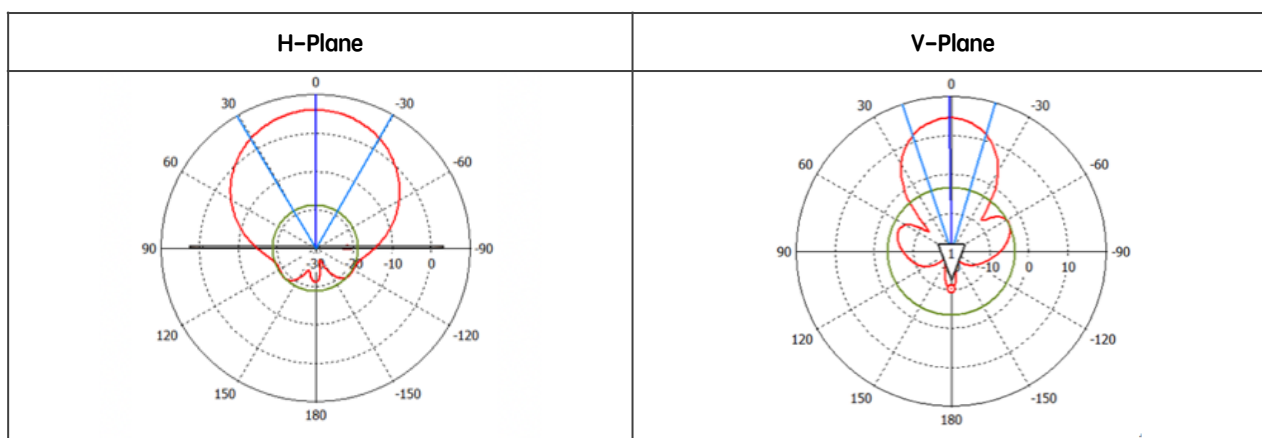


### Ordering Information

| Part Number             | 3rd Order IMD Standard                                | Descriptions              |
|-------------------------|---|---------------------------|
| WBN-SC0609X013i65A      | -150dBc @ 2 x 43dBm<br>(Connector Direct from Bottom) | N-Female Connector        |
| WBN-SC0609X013i65A/4310 |   | 4.3-10 Female Connector   |
| WBN-SC0609X013i65A/716D |   | 7/16 DIN Female Connector |

\* We provide antenna customization on different 3rd order intermodulation (PIM) and connector types, please let us know your requirements

### Antenna Patterns



## Electrical Specifications

|                            |                      |
|----------------------------|----------------------|
| Frequency Range            | 698–960MHz           |
| Gain (Typ)                 | 12.5dBi @ 698–960MHz |
| PIM, 3rd Order, –dBc (Max) | <–150dBc             |
| Polarization               | ±45°                 |
| VSWR (Typ)                 | ≤ 1.5 @ 698–960MHz   |
| Horizontal Beamwidth       | 65±5°                |
| Vertical Beamwidth         | 21±5°                |
| Isolation                  | ≥15dB                |
| Front-to-Back Ratio        | ≥25dB                |
| Electrical Downtilt        | 0°                   |
| Impedance                  | 50 Ohm               |
| Max. Input Power           | 250 Watts            |
| Lightning Protection       | DC Grounded          |

## Mechanical Specifications

|                       |                          |
|-----------------------|--------------------------|
| Connector             | 4.3–10 Female x 2 Ports  |
| Weight                | 6.5 Kg (include bracket) |
| Dimensions            | 800 x 280 x 125 mm       |
| Packing Dimensions    | 900 x 320 x 210 mm       |
| Radome Material       | UPVC                     |
| Radome Color          | Grey                     |
| Rated Wind Velocity   | 55m/s                    |
| Operational Humidity  | 10–95%                   |
| Operating Temperature | –40°C to +60°C           |
| Mounting Hardware     | Φ35 ~ Φ65                |
| Mechanical Tilt       | 0–10°                    |

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

Enabling communications,  
anywhere, everywhere.

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

[www.weibonuo.com](http://www.weibonuo.com)

Visit our website or contact our representative for more information.

