Weibonuo Communication MIMO Outdoor Small Cell ±45°

10/11dBi 698-2700MHz 2x2 Stadium Antenna
Model: WBN-SC6927X11i65A

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-SC6927X011i65A		N-Female Connector
WBN-SC6927X011i65A/4310	–153dBc @ 2 x 43dBm (Connector Direct from Bottom)	4.3-10 Female Connector
WBN-SC6927X011i65A/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

H-Plane	V-Plane
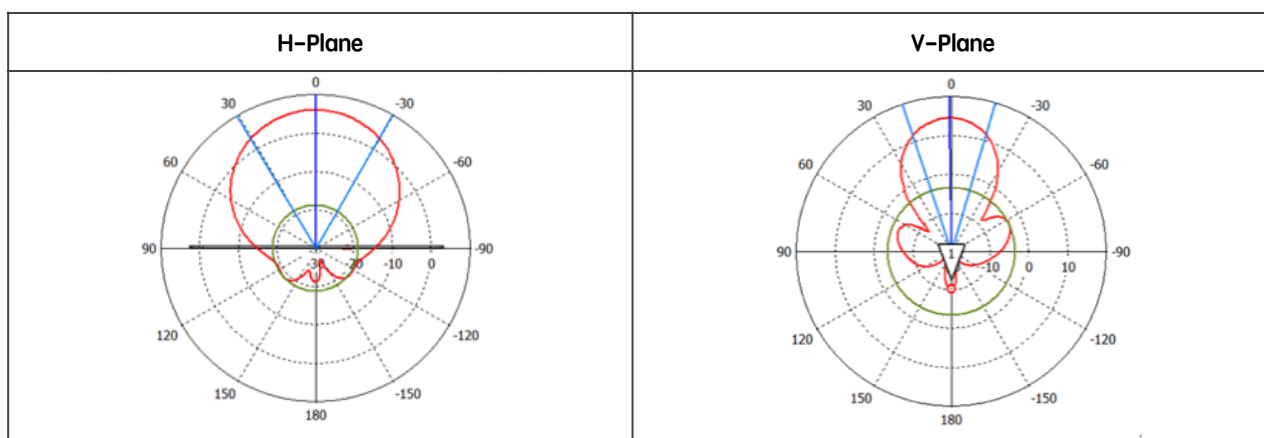
Electrical Specifications

Frequency Range	698–960MHz
	1710–2700MHz
Gain (Typ)	10±1dBi @ 698–960MHz
	11±1dBi @ 1710–2700MHz
PIM, 3rd Order, –dBc (Max)	<–150dBc
Polarization	±45°
VSWR (Typ)	≤ 1.8 @ 698–960MHz
	≤ 1.5 @ 1710–2700MHz
Horizontal Beamwidth	65±5°
Vertical Beamwidth	30±5°
Isolation	≥25±1dB
Front-to-Back Ratio	≥20dB
Electrical Downtilt	0°
Impedance	50 Ohm
Max. Input Power	100 Watts
Lightning Protection	DC Grounded

Mechanical Specifications

Connector	4.3–10 Female x 2 Ports
Weight	3.8 Kg
Dimensions	600 x 285 x 130 mm
Packing Dimensions	TBD
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.

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