

WEIBONUO Communication

14dBi 698–2700MHz 4x4 Panel Stadium Antenna

Model: WBN-SC6927XX14i35A

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

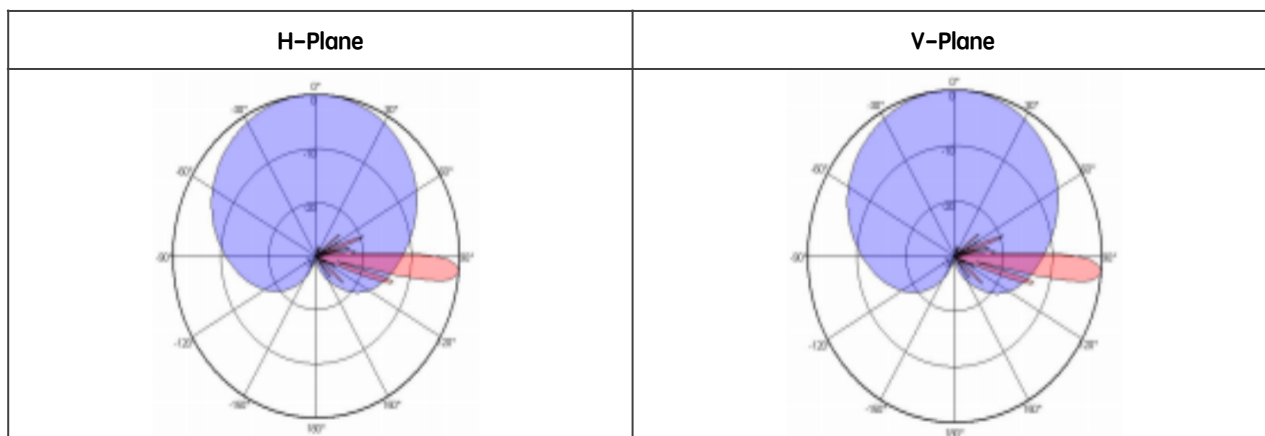
- ❶ Low PIM -150dBc @ 2 x 43dBm
- ❷ Low VSWR at 1.5
- ❸ High quality PVC radome with stainless steel bracket for easy installation
- ❹ Attractive, compact design and form factor ideal for outdoor distributor antenna system



Ordering Information

Part Number	3rd Order IMD Standard	Descriptions
WBN-SC6927XX14i35A	-150dBc @ 2 x 43dBm (Connector Direct from Bottom)	N-Female Connector
WBN-SC6927XX14i35A/4310		4.3-10 Female Connector
WBN-SC6927XX14i35A/716D		7/16 DIN Female Connector

Radiation Pattern



Mechanical Specifications

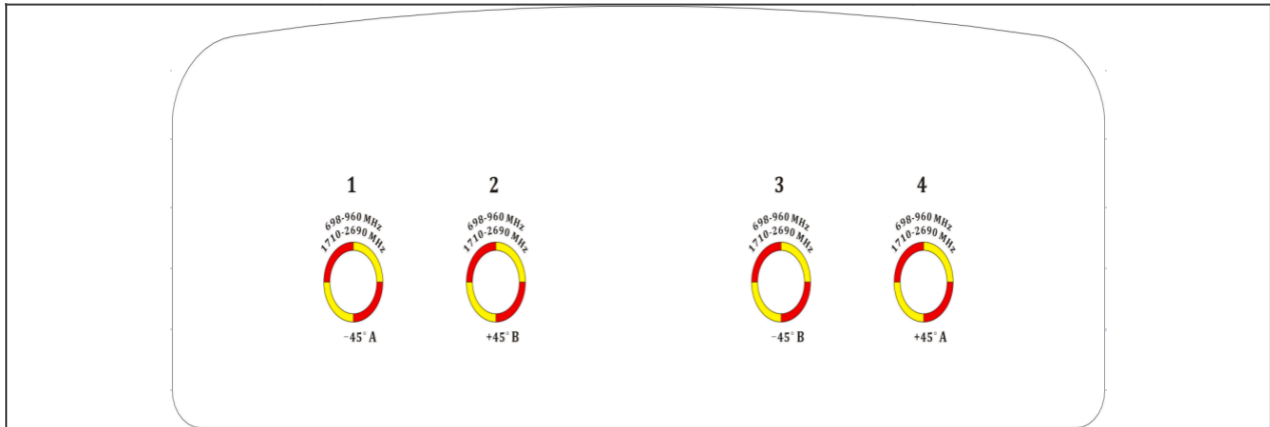
Connector	4.3-10 Female x 4 Ports
Weight	TBD
Dimensions	550 x 450 x 145 mm
Packing Dimensions	680 x 542 x 237 mm
Radome Material	PVC
Radome Color	Grey
Rated Wind Velocity	216km/h
Wind Load @150km/h	Front 166 / Side 46 / Back 186
Operational Humidity	10-95%
Operating Temperature	-40°C to +60°C
Mounting Hardware	Φ50 ~ Φ89
Mechanical Tilt	0-8°

Electrical Specifications

Frequency Range	698-2700MHz
Gain (Typ)	12±0.5dBi @ 698-806MHz
	12±0.51dBi @ 806-960MHz
	14.5±0.5dBi @ 1710-1880MHz
	14.5±0.5dBi @ 1920-2170MHz
	14.5±0.5dBi @ 2300-2400MHz
	14.5±0.5dBi @ 2600-2700MHz
PIM, 3rd Order, -dBc (Max)	<-150dBc @ 2x43dBm
Polarization	±45° x 2
VSWR (Typ)	≤ 1.5 @ ALL PORTS
Horizontal Beamwidth	35±8°
Vertical Beamwidth	30±8°
Isolation	25±1
Front-to-Back Ratio	≥ 25dB
Cross-Polarization Ratio	≥ 15(±60° ≥ 10)
Electrical Downtilt	6°
Impedance	50 Ohm
Max. Input Power	100 Watts
Lightning Protection	DC Grounded

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

Antenna Ports



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