

Weibonuo Communication

9dBi Single-Band 65° 1710–2700MHz 2x2 Panel Antenna

Model: WBN-SC1727X09i65A

Applications

- ❶ Supporting 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 profile neutral housing
- ❸ High quality UPVC radome with metal bracket for easy installation
- ❹ Attractive, compact design and form factor ideal for outdoor distribution antenna system



Ordering Information

Part Number	3rd Order IMD Standard	Descriptions
WBN-SC1727X09i65A	-150dBc @ 2 x 43dBm (Connector Direct from Bottom)	N-Female Connector
WBN-SC1727X09i65A/4310		4.3-10 Female Connector
WBN-SC1727X09i65A/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

Pictures

Bottom Demonstration	Production Line

Electrical Specifications

Frequency Range	1710–2700MHz
Gain (Typ)	9±1dBi
PIM, 3rd Order, –dBc (Max)	≤ –150dBc @ 2 x 43dBm
Polarization	±45°
VSWR (Typ)	≤ 1.5
Horizontal Beamwidth	65±5°
Vertical Beamwidth	35±5°
Front-to-Back Ratio	≥ 20dB
Electrical Downtilt	0°
Impedance	50 Ohm
Max. Input Power	100 Watts
Lightning Protection	DC Grounded

Mechanical Specifications

Connector	7/16 DIN Female x 2 Ports
Weight	TBD
Dimensions	TBD
Packing Dimensions	TBD
Radome Material	UPVC
Radome Color	Grey
Rated Wind Velocity	60m/s
Operational Humidity	10–95%
Operating Temperature	–40°C to +55°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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