

Weibonuo Communication Water-Orange Design

698–960/1710–2700MHz SISO Omni-Directional Antenna
Model: WBN-DAS0627V05i360A

Applications

- ① Supporting 2G/3G/4G LTE/ WLAN network
- ② Typically used in indoor distribution of signal coverage
- ③ Improves in building wireless network coverage and capacity
- ④ Indoor wireless networks and Cellular networks

Features

- ① Low PIM $\leq -150\text{dBc}$ @ 2 x 43dBm
- ② Low profile neutral housing
- ③ High quality ABS radome with plastic nut for easy installation
- ④ Attractive, compact design and form factor ideal for Indoor distributor antenna system

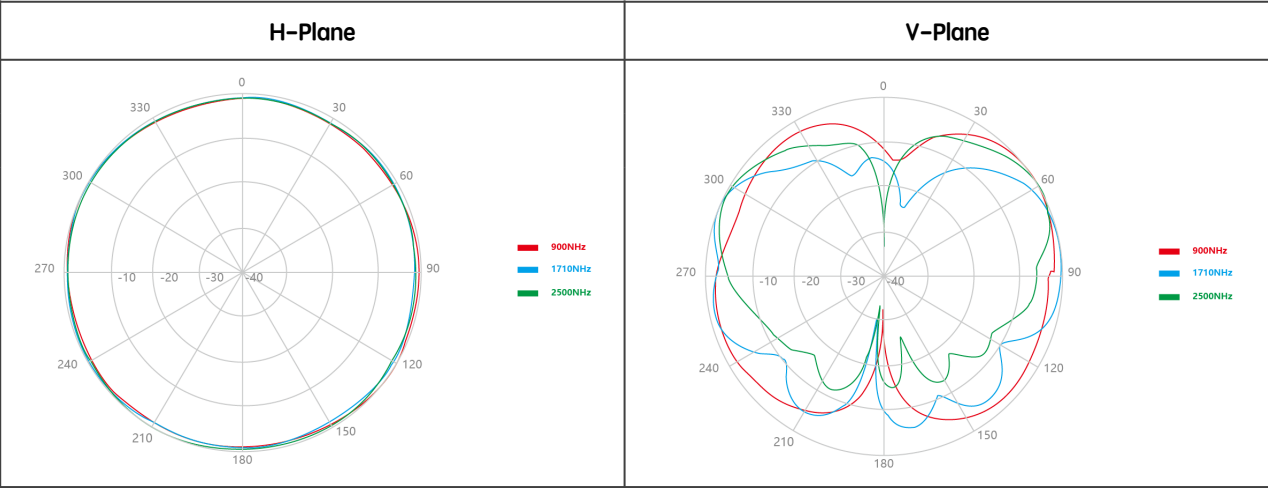


Ordering Information

Model Number	3rd Order IMD Standard	Connector Type
WBN-DAS0627V05i360A	-150dBc @ 2 x 43dBm (RG141 coaxial cable)	N-Female Connector x 1
WBN-DAS0627V05i360A/4310		4.3-10 Female Connector x 1
WBN-DAS0627V05i360A/716D		7/16 DIN Female Connector x 1
WBN-DAS0627V05i360C	-140dBc @ 2 x 33dBm (RG141 coaxial cable)	N-Female Connector x 1
WBN-DAS0627V05i360C/4310		4.3-10 Female Connector x 1
WBN-DAS0627V05i360C/716D		7/16 DIN Female Connector x 1

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

Antenna Patterns



Electrical Specifications

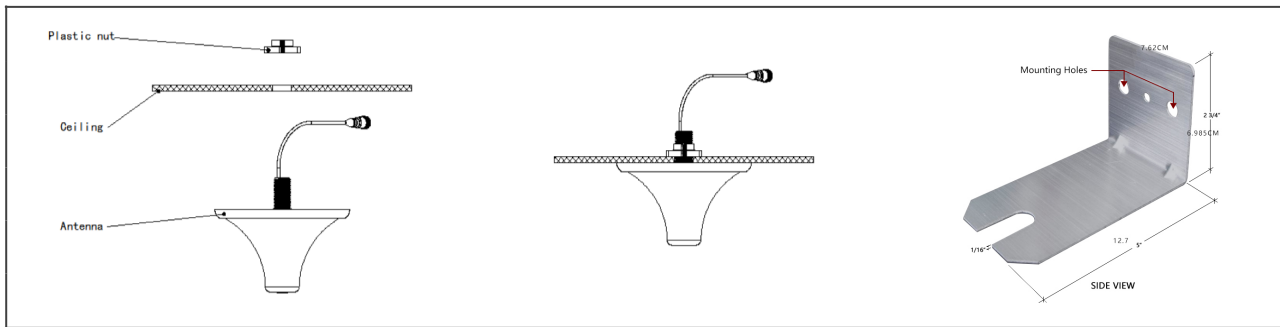
Frequency Range	698–960MHz
	1710–2700MHz
Gain (Typ)	3±1dBi @ 698–960MHz
	4±1dBi @ 1710–2700MHz
VSWR (Typ)	< 1.8 @ 698–960MHz
	< 1.5 @ 1710–2700MHz
PIM, 3rd Order, -dBc (Max)	≤ -150dBc @ 2 x 43dBm
Polarization	Vertical
Horizontal Beamwidth	Horizontal: 360°
Vertical Beamwidth	85° @ 698–960MHz
	45° @ 1710–2700MHz
Impedance	50 Ohm
Max. Input Power	50 Watts

Mechanical Specifications

Cable Length	30 cm – RG141 series
Connector	N-Female
Weight	0.42 Kg
Dimensions	Φ 203 x 120 mm
Packing Dimensions	205 x 205 x 125 mm
Radome Material	ABS
Radome Color	White (RAL 9003)
Operating Temperature	-40°C to +60°C

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

Installation Methods (Ceiling OR L-Bracket)



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