

Weibonuo Communication Ultra Slim Design

698–960/1710–2700MHz SISO Omni–Directional Antenna  
Model: WBNSX–DAS6927H05i360B2

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

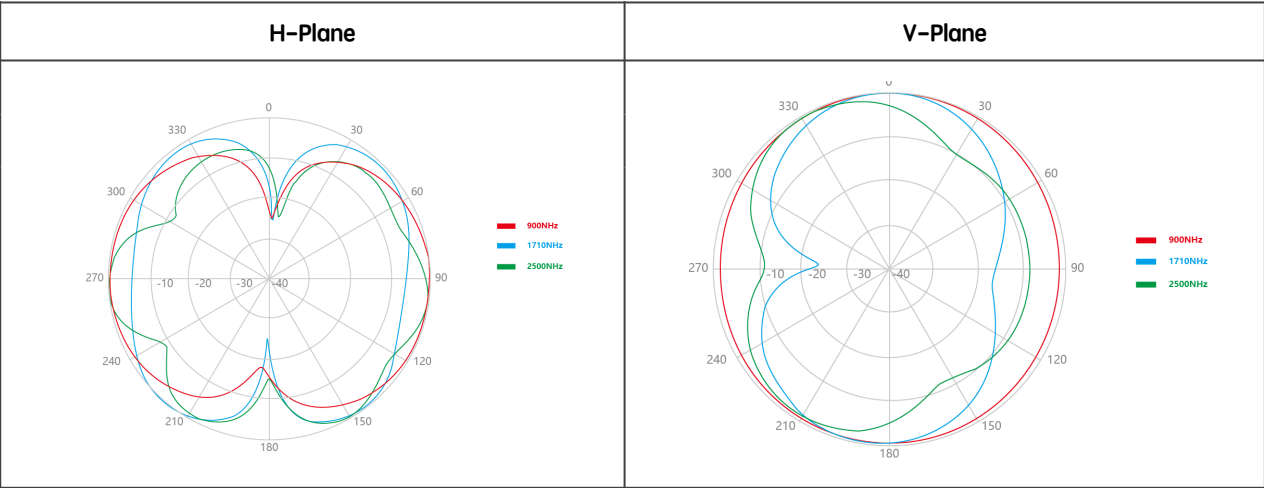
- ① Low PIM -140dBc @ 2 x 33dBm
- ② Low profile slim housing diameter of 170mm / PCB Inner Structure
- ③ High quality ABS radome with plastic nut for easy installation
- ④ Attractive, compact design and form factor ideal for Indoor distributor antenna system

Ordering Information

Model Number	3rd Order IMD Standard	Connector Types and Quantity
WBNSX–DAS6927H05i360B2	-140dBc @ 2 x 33dBm (RG141 coaxial cable)	N–Female Connector x 1
WBNSX–DAS6927H05i360B2/4310		4.3–10 Female Connector x 1
WBNSX–DAS6927H05i360B2/716D		7/16 DIN Female Connector x 1
WBNSX–DAS6927H05i360C	NO PIM Requirement (RG58 coaxial cable)	N–Female Connector x 1
WBNSX–DAS6927H05i360C/4310		4.3–10 Female Connector x 1
WBNSX–DAS6927H05i360C/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

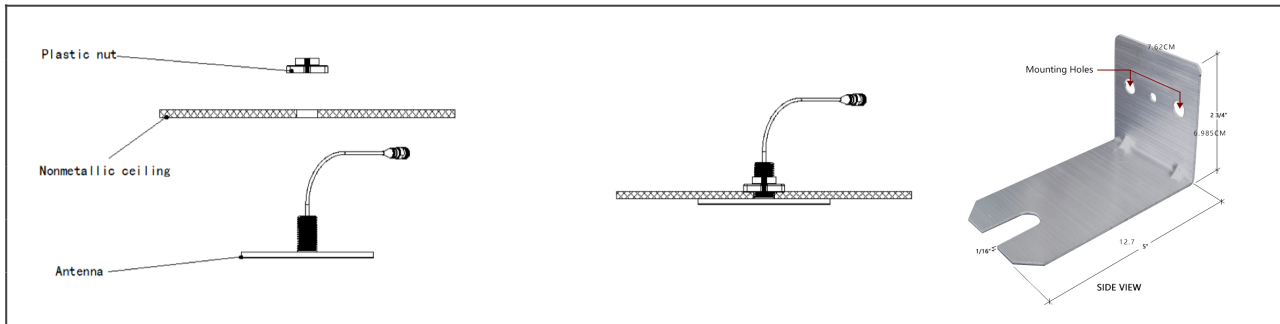
Frequency Range	698–960MHz
	1710–2700MHz
Gain (Typ)	3dBi @ 698–960MHz
	4dBi @ 1710–2700MHz
VSWR (Typ)	< 1.8 @ 698–960MHz
	< 1.5 @ 1710–2700MHz
PIM, 3rd Order, –dBc (Max)	≤ –140dBc @ 2 x 33dBm
Polarization	Linear, Horizontal
Horizontal Beamwidth	Horizontal: 360°
Vertical Beamwidth	85° @ 698–960MHz
	55° @ 1710–2700MHz
Impedance	50 Ohm
Max. Input Power	50 Watts

## Mechanical Specifications

Cable Length	30 cm – RG141 series
Connector	N–Female
Weight	0.20 Kg
Dimensions	Φ 170 x 8 mm
Packing Dimensions	190 x 190 x 75 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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