

WEIBONUO Communication

High Performance 698–2700MHz SISO Omni Ceiling Antenna Model: WBNK–DAS6927H05i360A02

Applications

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



Features

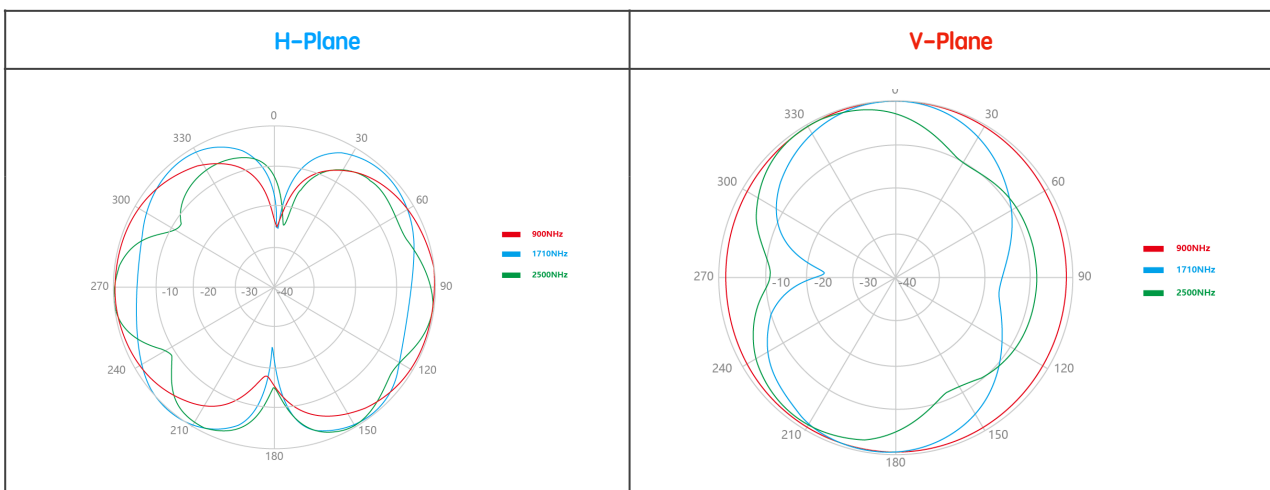
- ❶ Low PIM -150dBc @ $2 \times 43\text{dBm}$
- ❷ High quality ABS radome with plastic nut for easy installation
- ❸ Attractive, compact design and form factor ideal for indoor distributor antenna system

Ordering Information

Part Number	3rd Order IMD Standard	Connector Types
WBNK–DAS6927H05i360A02	$\leq -150\text{dBc}$ @ $2 \times 43\text{dBm}$ (RG141 coaxial cable)	N–Female Connector
WBNK–DAS6927H05i360A02/4310		4.3–10 Female Connector
WBNK–DAS6927H05i360A02/716D		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



Electrical Specifications

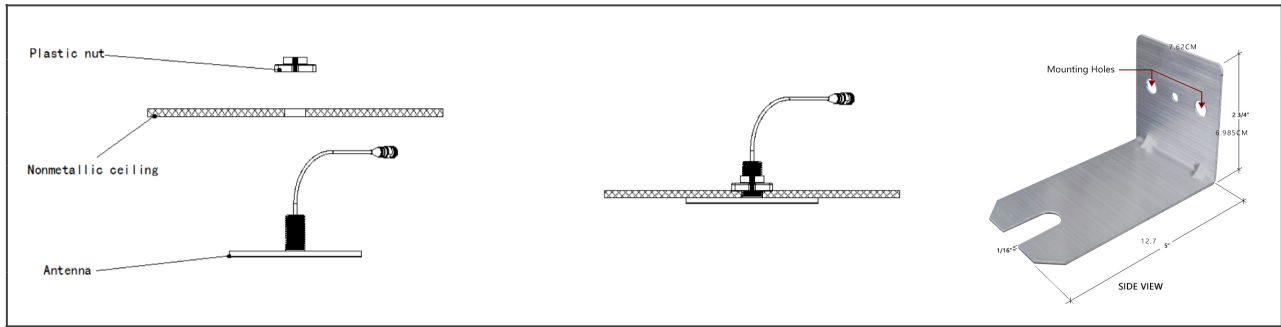
Frequency Range	698–960MHz
	1710–2700MHz
Gain (Typ)	3dBi @ 698–960MHz
	4dBi @ 1710–2700MHz
VSWR (Typ)	< 1.8 @ 698–960MHz
	< 1.5 @ 1710–2700MHz
PIM, 3rd Order, -dBc (Max)	≤ -153dBc @ 2 x 43dBm
Polarization	Linear, Horizontal
Horizontal Beamwidth	Horizontal: 360°
Vertical Beamwidth	85° @ 698–960MHz
	55° @ 1710–2700MHz
Impedance	50 Ohm
Max. Input Power	50 Watts

Mechanical Specifications

Cable Length	30 cm – RG141 series
Connector	N-Female
Weight	0.23 Kg
Dimensions	Φ 179 x 8 mm
Packing Dimensions	195 x 195 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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anywhere, everywhere.

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