

Weibonuo Communication Water-Orange Design

698–6000MHz SISO Omni-Directional Antenna

Model: WBNS-DAS6960V05i360A

Applications

- ① Supporting 2G/3G/4G LTE/5G/CBRS/WIFI/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

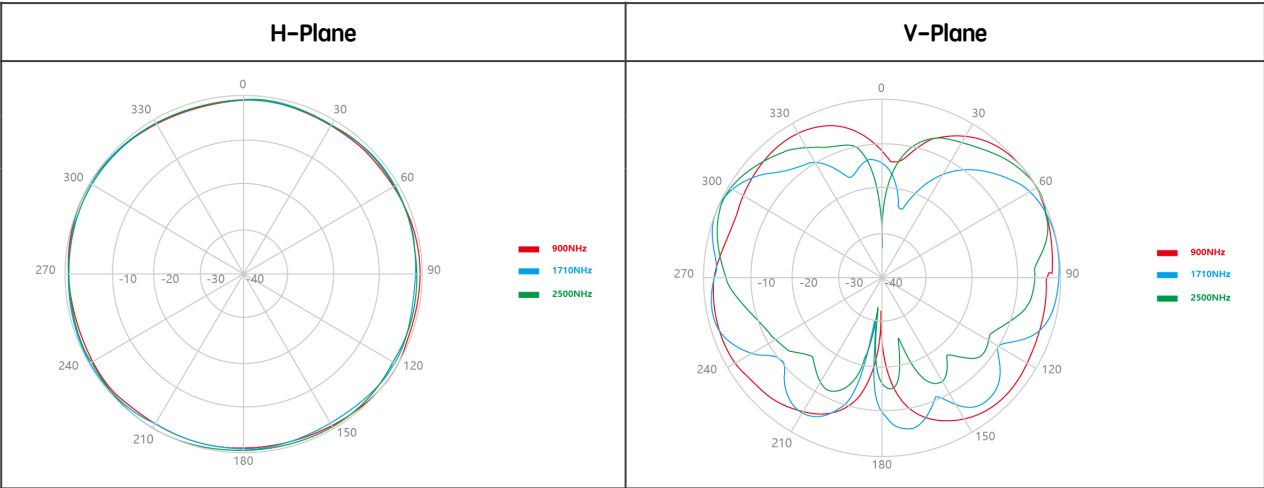
- ① Low PIM $\leq -150\text{dBc}$ @ 2 x 43dBm
- ② Low profile neutral housing
- ③ High quality ABS radome with plastic nut for easy installation
- ④ Attractive, compact design and form factor ideal for Indoor distributor antenna system



Ordering Information

Model Number	3rd Order IMD Standard	Connector Types and Quantity
WBNS-DAS6960V05i360A	-150dBc @ 2 x 43dBm (RG141 /Plenum rated cable)	N-Female Connector x 1
WBNS-DAS6960V05i360A/4310		4.3-10 Female Connector x 1
WBNS-DAS6960V05i360A/716D		7/16 DIN Female Connector x 1
WBNS-DAS6960V05i360B	-140dBc @ 2 x 33dBm (RG141 coaxial cable)	N-Female Connector x 1
WBNS-DAS6960V05i360B/4310		4.3-10 Female Connector x 1
WBNS-DAS6960V05i360B/716D		7/16 DIN Female Connector x 1

Antenna Patterns



Electrical Specifications

Frequency Range	698-960MHz
	1710-2700MHz
	3200-6000MHz
Gain (Typ)	3±1dBi @ 698-960MHz
	4±1dBi @ 1710-2700MHz
	5±1dBi @ 3200-6000MHz
VSWR (Typ)	< 1.8 @ 698-960MHz
	< 1.5 @ 1710-6000MHz
PIM, 3rd Order, -dBc (Max)	≤ -150dBc @ 2 x 43dBm
Polarization	Vertical
Horizontal Beamwidth	Horizontal: 360°
Vertical Beamwidth	85° @ 698-960MHz
	45° @ 1710-2700MHz
	35° @ 3200-6000MHz
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

Specifications subject to change without notice.