

Weibonuo Communication 4T4R (4x4) MIMO Indoor Ceiling Design

617-960/1710-2700/3200-6000MHz Omni Antenna

Model: WBNK-DAS6160LLLL6i360A

Applications

- ❶ Supporting 2G/3G/5G/CRBS/WLAN network
- ❷ Typically used in indoor distribution of LTE & massive MIMO in the near future 5G projects
- ❸ Improves in building wireless network coverage and capacity

Features

- ❶ Low PIM of -150dBc@2x43dBm
- ❷ Low profile neutral housing
- ❸ High quality ABS radome with plastic nut for easy installation
- ❹ Attractive, compact design and form factor ideal for Indoor distributor antenna system

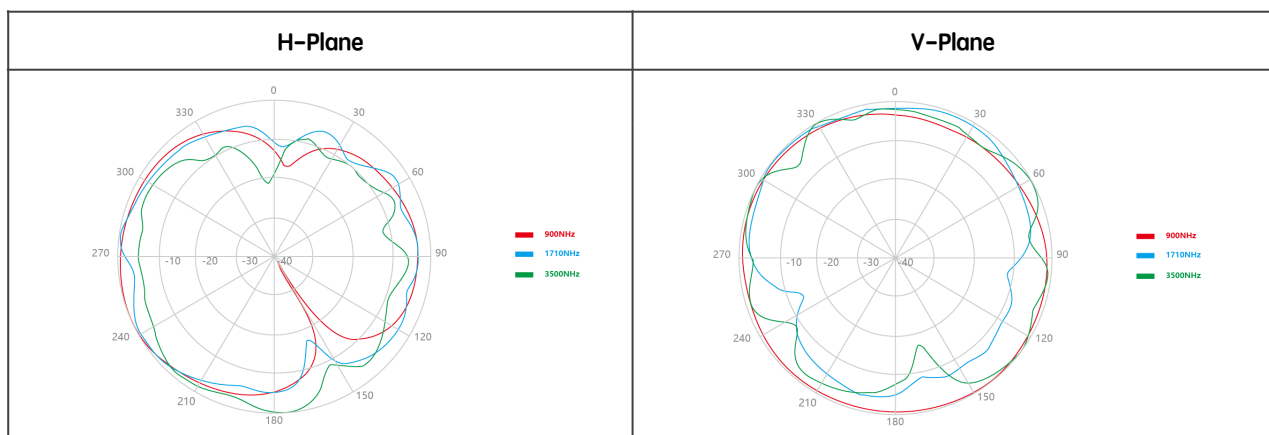


Ordering Information

Model Number	3rd Order IMD Standard	Connector Types and Quantity
WBNK-DAS6160LLLL6i360A	-150dBc @ 2 x 43dBm (RG141 / Plenum rated cable)	N-Female Connector x 4
WBNK-DAS6160LLLL6i360A/4310		4.3-10 Female Connector x 4
WBNK-DAS6160LLLL6i360A/716D		7/16 DIN Female Connector x 4
WBNK-DAS6160LLLL6i360B	-140dBc @ 2 x 33dBm (RG141 coaxial cable)	N-Female Connector x 4
WBNK-DAS6160LLLL6i360B/4310		4.3-10 Female Connector x 4
WBNK-DAS6160LLLL6i360B/716D		7/16 DIN Female Connector x 4

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

Antenna Patterns



Mechanical Specifications

Cable Length	30 cm / each cable OR customized
Connector	N-Female x 4-ports OR customized
Net Weight	1.398 Kg
Dimensions	Φ352 x 40 mm
Packing Dimensions	TBD
Radome Material	ABS
Radome Color	WHITE (RAL9003)
Effective Wind Area	≤0.2 m²
Wind-Resistant performance	35m/s
Operating Temperature	-40°C to +60°C

Electrical Specifications

Frequency Range	617-960MHz
	1710-2700MHz
	3300-6000MHz
PIM, 3rd Order, 2 x 20W -dBc (Typ)	<-155@ lower band 617-960MHz <-160@ high band 1710-6000MHz
PIM, 3rd Order, 2 x 20W -dBc (Max)	<-150dBc
Gain (Typ)	4dBi @ 617-960MHz
	5dBi @ 1710-2700MHz
	6dBi @ 3300-6000MHz
VSWR (Typ)	≤1.8 @ 617-960MHz
	≤1.7 @ 1710-2700MHz / 3300-6000MHz
Polarization	Linear x 4
Horizontal Beamwidth	360°
Vertical Beamwidth	85° @ 617-960MHz
	50° @ 1710-2700MHz
	40° @ 3300-6000MHz
Isolation	≥20dB @ 617-960MHz & 1710-2700MHz
	≥25dB @ 3300-6000MHz
Impedance	50 Ohm
Max. Input Power	50 Watts

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

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