

**WEIBONUO Communication**

800–960/1710–2700 MHz, 17dBi Directional Panel Antenna

Model: WBNK-BS0827V17i65A

**Applications**

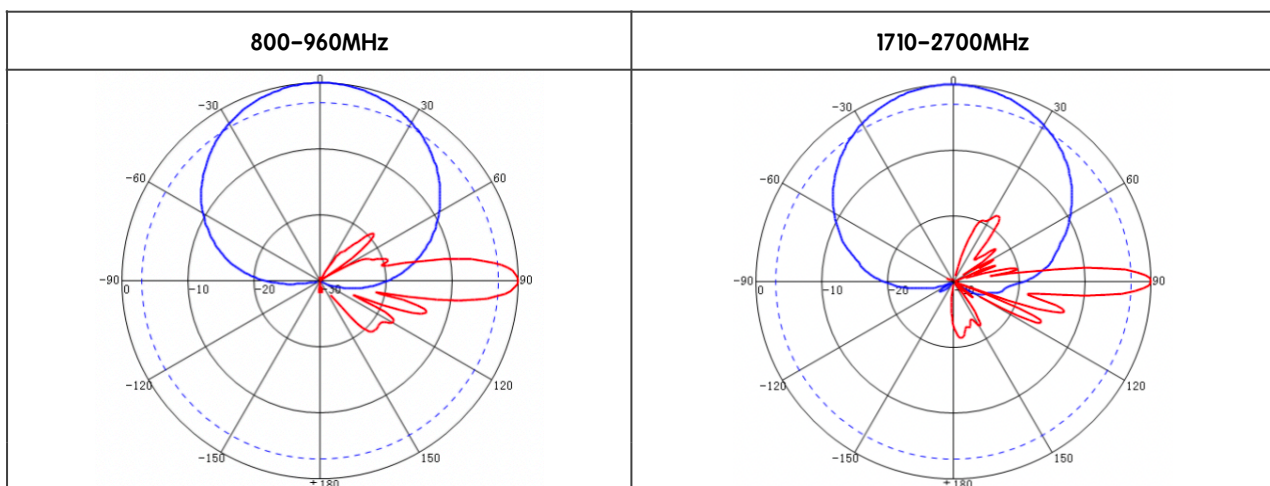
- ❶ Supporting 3G/4G LTE/ WLAN network
- ❷ Typically used in outdoor distribution of signal coverage
- ❸ Improves outdoor wireless network coverage and capacity
- ❹ Outdoor wireless networks and Cellular networks

**Features**

- ❶ Low PIM -150dBc @ 2 x 43dBm
- ❷ Low profile neutral housing
- ❸ High quality UPVC radome with metal bracket for easy installation
- ❹ Attractive, compact design and form factor ideal for outdoor distribution antenna system

**Ordering Information**

Model Number	3rd Order IMD Standard	Connector Types and Quantity
WBNK-BS0827V17i65A	-150dBc @ 2 x 43dBm	N-Female Connector x 2
WBNK-BS0827V17i65A/4310		4.3-10 Female Connector x 2
WBNK-BS0827V17i65A/716D		7/16 DIN Female Connector x 2
WBNK-BS0827V17i65B	-140dBc @ 2 x 33dBm	N-Female Connector x 2
WBNK-BS0827V17i65B/4310		4.3-10 Female Connector x 2
WBNK-BS0827V17i65B/716D		7/16 DIN Female Connector x 2

**Antenna Patterns**

## Electrical Specifications

Frequency Range	800-960MHz	1710-2700MHz
Gain (dBi)	16±1dBi	17±1dBi
PIM, 3rd Order, -dBc (Max)	≤-150dBc @ 2 x 43dBm OR ≤-140dBc @ 2 x 37dBm	
Polarization	Vertical	
VSWR (Typ)	≤ 1.5	
Horizontal Beamwidth	65±6°	65±7°
Vertical Beamwidth	13.5±1°	7±1°
Front-to-Back Ratio	≥ 25	
Impedance	50 Ohm	
Max. Input Power	100 Watts	
Lightning Protection	DC Grounded	

## Mechanical Specifications

Connector	N Female / DIN Female
Connector Position	Bottom
Antenna Weight	10kg
Bracket Weight	4kg
Antenna Dimensions	1400 x 320 x 110mm
Packing Dimensions	1650 x 385 x 250mm
Radome Material	UPVC
Radome Color	Grey
Mechanical Tilt	0-15°
Rated Wind Velocity	55m/s
Operational Humidity	10-95%
Operating Temperature	-40°C to +60°C
Suitable Pole Diameter	Φ55 ~ Φ115mm
Mounting Kit	JM-900DZA

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