

WEIBONUO Communication

Outdoor Dual Band Omni-Directional 360°

698–2700MHz 2x2 Canister Antenna

Model: WBN-SC6927X08i360A

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 Wideband / X-POL
- ❷ Low VSWR 1.8
- ❸ High quality Fiberglass radome with top mounting bracket kit for easy installation
- ❹ Attractive, compact design and form factor ideal for outdoor distribution antenna system



Mechanical Specifications

Connector Location	Bottom
Connector	4.3-10 Female x 2 Ports
Weight	TBD
Dimensions	Φ380 x 1219mm
Packing Dimensions	TBD
Radome Material	Fiberglass
Radome Color	White

Electrical Specifications

Frequency Range	698-806MHz
	806-960MHz
	1695-1880MHz
	1850-1990MHz
	1920-2200MHz
	2300-2700MHz
Gain (Typ)	8±1.5dBi @ 698-806MHz
	9.1±1.5dBi @ 806-960MHz
	12±1.5dBi @ 1695-1880MHz
	11.7±1.5dBi @ 1850-1990MHz
	10.8±1.5dBi @ 1920-2200MHz
	10.1±2.4dBi @ 2300-2700MHz
PIM, 3rd Order, -dBc (Max)	≤ -150dBc @ 2 x 43dBm
Polarization	±45°
VSWR (Typ)	≤ 1.8 @ ALL PORTS
Horizontal Beamwidth	360°
Vertical Beamwidth	20.9±2.5° @ 698-806MHz
	18.0±3.0° @ 806-960MHz
	9.4±2.0° @ 1695-1880MHz
	9.5±2.0° @ 1850-1990MHz
	9.4±2.0° @ 1920-2200MHz
	9.1±4.0° @ 2300-2700MHz
Isolation	20dB @ 698-960MHz
	25dB @ 1695-2700MHz
Front-to-Back Ratio	≥ 20dB
Impedance	50 Ohm
Max. Input Power	150 Watts @ ALL PORTS
Lightning Protection	DC Grounded