

Powertec Dual-Mount 698-4000MHz 3.5-6dBi Ceiling Antenna



Model Number: VCEI-6940-5.N2

Polarisation: Vertical

Design Type: Inside Omnidirectional

RF Category: Cellular

Powertec's Dual-Mount Ceiling antenna is an omni-directional antenna with a modern design. It comes with two (2) mounting options making it an excellent choice for offices, houses and other in-building applications.

Features

- 5G Ready: Covers 698-4000MHz (5G, 4G LTE, and 3G frequencies)
- Flexible mounting and positioning to both plasterboard and solid ceilings
- Light, modern and compact design (28 x 28 x 4.5cm / 0.8kg)
- N-female pigtail cable attachment
- 3.5 to 6dBi gain
- Beamwidth: 360° horizontal, 15-80° vertical.

For more information please contact Powertec Wireless Technology

Antenna Technical Data

ELECTRICAL SPECIFICATIONS

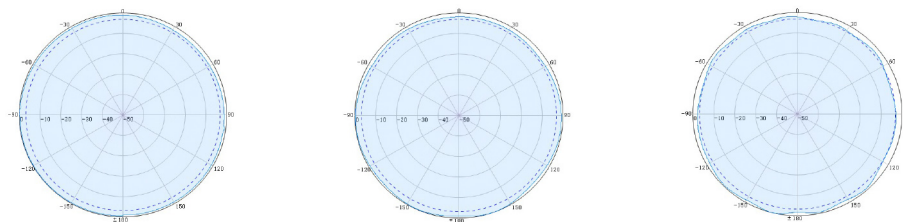
Frequency Range, MHz	698-960	1710-2170	2170-2700	3300-4000
Gain, dBi	3.5	4.0	6.0	5.0
VSWR	≤2.0	≤1.8	≤1.5	≤1.5
Polarization	Vertical			
Horizontal Beam width	360°			
Vertical Beam width	80°	39°	29°	15°
Input Impedance	50 Ω			
Max. Input Power	50 W			
Lightning Protection	DC Ground			

MECHANICAL SPECIFICATIONS

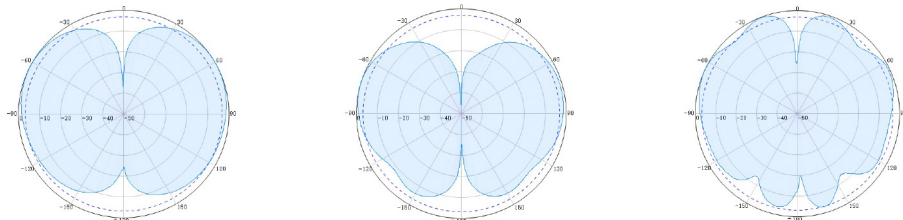
Connector	N Female	4.3-10 Female
Dimensions	280x280x45 mm	
Weight	0.8 kg	
Reflector Material	Aluminum	
Radome Material	ABS (UV Stabilized)	
Operating Temperature	-40°C to +65 °C	

Radiation Patterns

Horizontal



Vertical



610MHz

2170MHz

3800MHz

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