



Antenna Datasheet

Product OC: YEMJ294JPAM

Version: 1.0

Date: 2025-10-30

Product Name: Omni Ceiling Antenna

Key Features:

Frequency Band: 617–5950 MHz

Dimensions: Φ 256 mm \times 18 mm

RoHS and REACH Compliant

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1 Specification

1.1. Electrical

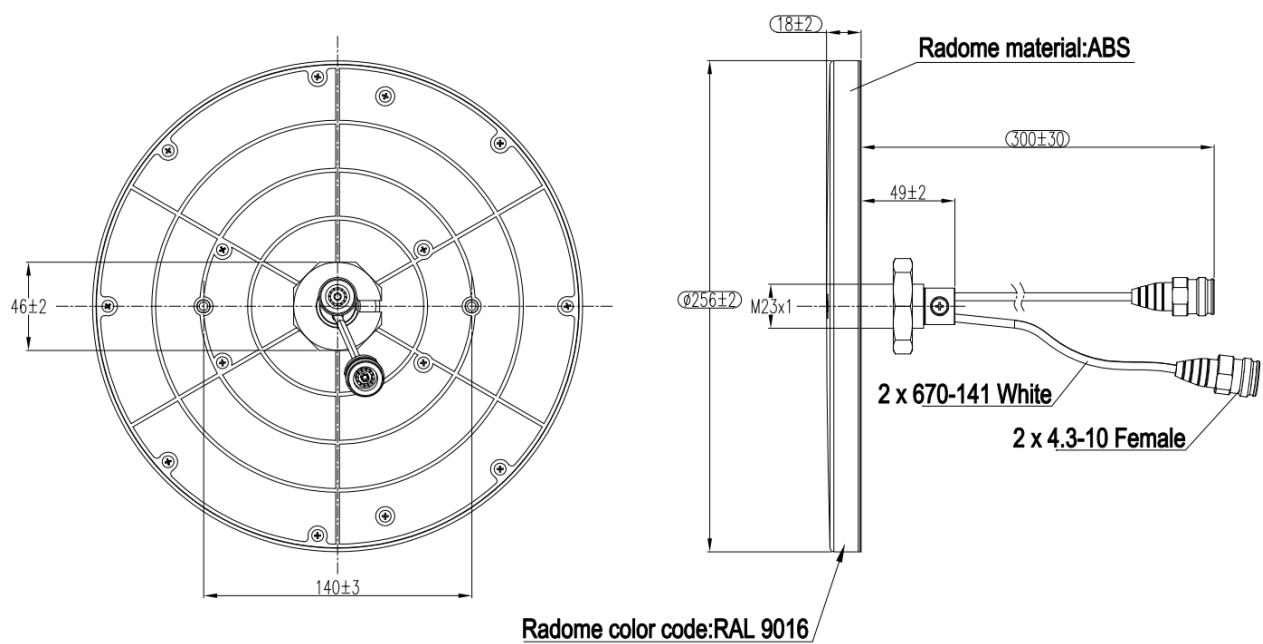
Electrical						
Frequency Band, MHz	617–698	698–960	1420–1520	1695–2690	3300–4200	4800–5950
Horizontal Beamwidth, degrees	360					
Gain, dBi	3.4	3.8	4.0	4.5	6.5	5.5
VSWR	≤1.8					
Isolation, dB	16	16	18	20	30	30
PIM 3rd @ 2×43dBm, dBc	-153, tested @ 900 MHz / 1800 MHz and 3500 MHz					
Impedance, Ohm	50					
Polarization	Linear, H					
Maximum input power, watts	50					

1.2. Mechanical & Environmental

Mechanical	
Antenna Dimensions	Φ 256 mm × 18 mm
Material & Color	ABS & White
Connector Type	N type or 4.3-10 Female
Weight	0.52 kg
Mounting Type	Thru-hole ceiling mount
Environmental	

Operation Temperature	-40 °C to +60 °C
Storage Temperature	-40 °C to +60 °C
RoHS & REACH Compliant	Yes

2 Drawing



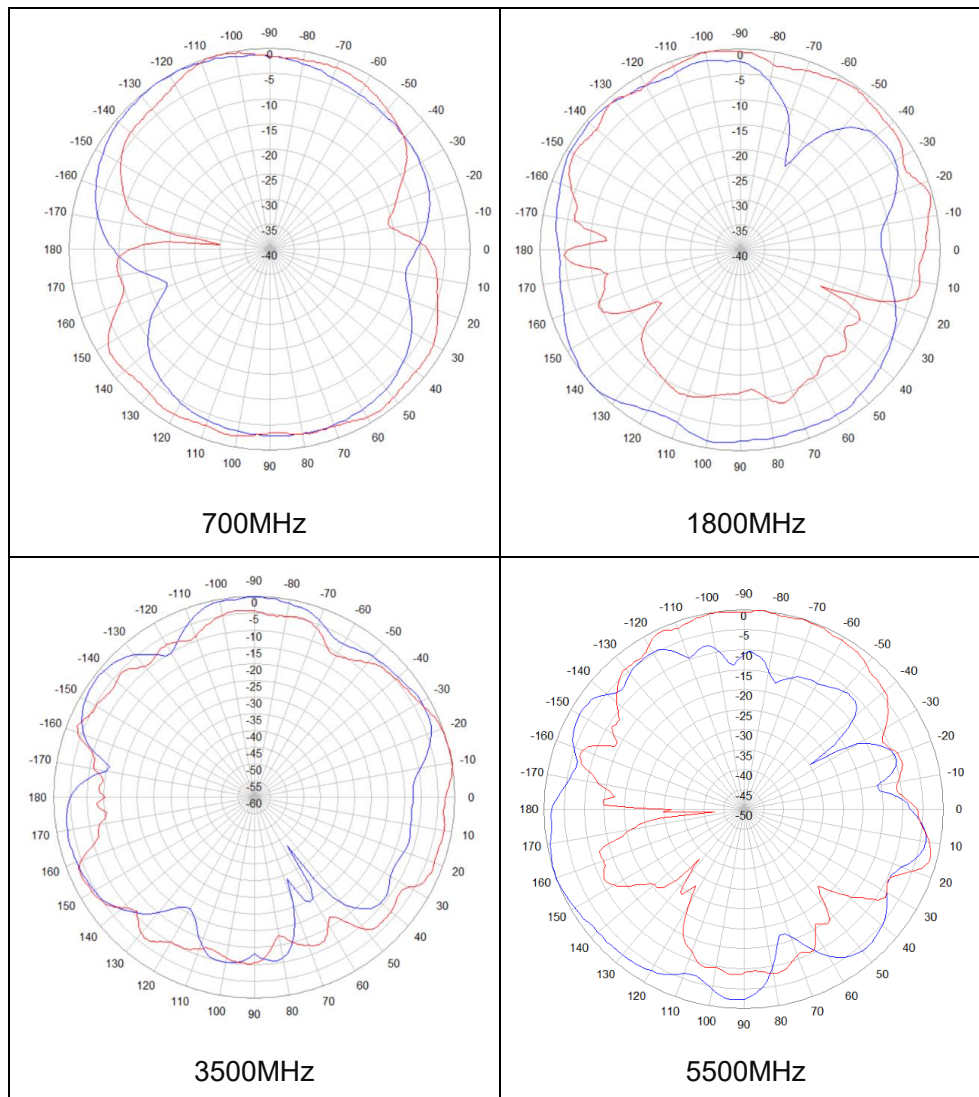
Note /This antenna is not suitable for installing on metal ceiling

3 Detailed Performance




2D Radiation Pattern

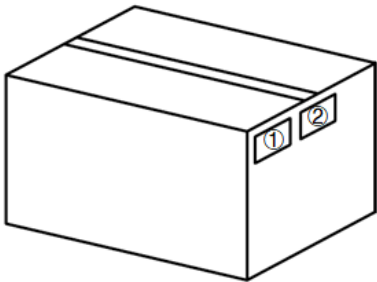
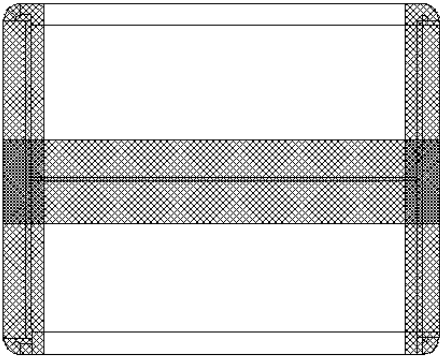
Horizontal

Vertical



4 Packaging

Step	Packaging Picture / 2D Picture	Description
1		Product drawing
2		1 antenna product in an inner box. (1 Antenna / Inner Box)
3		(20 Inner Boxes / Carton Box) (20 Antennas / Carton Box) Estimated quantity Products that cannot fill the entire carton box are packed in a suitable size carton box. <u>Carton Size:</u> <u>L × W × H = 1035 × 425 × 575 mm</u>

4		<p>Position for Attaching Labels</p> <ul style="list-style-type: none"> ① Carton Label ② Quality Label
5		<p>Sealing Cartons H-shaped sealing cartons</p>
Note	<p>The initial packaging method described above is for reference only, and the final actual packaging method shall be subject to the actual shipping packaging.</p>	

Contact Us

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Revision History

Version	Date	Author	Note
-	2025-10-30	Ryder Zhang/ Mike Guo/ Riva Ren/ Aria Chu	Creation of the document
1.0	2025-10-30	Ryder Zhang/ Mike Guo/ Riva Ren/ Aria Chu	First official release



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