

# Indoor Omni Antenna

This indoor omni antenna is designed for communication product applications. It provides omnidirectional coverage, ensuring reliable signal reception and transmission within indoor environments.



## Product Overview

### High-Performance Indoor Omni Antenna

This omnidirectional indoor antenna is engineered to provide reliable signal coverage and consistent network performance across a broad frequency range. Designed for versatility, it supports multiple frequency bands from 806 MHz up to 2700 MHz, making it suitable for various wireless communication applications. Its robust construction ensures stable operation in challenging environments, while the compact form factor allows for efficient installation.

## Electrical Specifications

### Frequency and Gain Performance

Frequency Range (MHz)	Gain (dBi)	Vertical Beam Width
806-960	2±0.5	85°
1710-2500	4±1	55°
2500-2700	4±1	50°

### Key Electrical Metrics

<b>50</b> Ω Input Impedance	<b>50 W</b> Max CW Power	<b>1.4</b> Max VSWR
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## Mechanical Specifications

### Physical Dimensions

- Antenna Size: 204x115mm
- Packing Size: 184x184x186mm
- Weight: 0.5kg

### Connector

N-Female

### Radome Material

ABS

## Environmental Specifications

Operating Temperature Range	-40 to +70
Max Working Humidity	95 %
Application Environment	Indoor, Outdoor