

# Indoor Directional Antenna

This indoor directional antenna is designed for optimal signal reception and transmission. Its compact and robust design ensures durability and ease of installation.



## Overview

### Indoor Directional Antenna

This indoor directional antenna is engineered to provide reliable signal enhancement across a broad frequency range, including 806-960 MHz, 1710-2170 MHz, and 2300-2700 MHz bands. Featuring a compact 210x180x44mm form factor and a durable ABS radome, it is designed for seamless integration into indoor environments. With a maximum input power of 50W and robust temperature tolerance, this unit ensures consistent performance for professional communication setups.

## Electrical Specifications

### Frequency and Gain Performance

Frequency Range (MHz)	Gain (dBi)	Horizontal Beam Width	Vertical Beam Width
806-960	7	95°	90°
1710-2170	8	65°	45°
2300-2700	9	60°	45°

### Key Electrical Metrics

<b>1.5</b> VSWR	<b>50 W</b> Max CW Power	<b>50 ©</b> Impedance	<b>-140 dBc</b> IMD3rd
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<b>Polarization</b>	Vertical
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## Mechanical Specification

<b>Antenna Dimensions</b>	210 x 180 x 44 mm
<b>Weight</b>	0.6 kg
<b>Input Connector</b>	N-Female
<b>Radome Material</b>	ABS

## Environmental Specifications

<b>Application</b>	Indoor
<b>Working Temperature</b>	-40 to +55
<b>Working Humidity</b>	d95%