

# 3.5G WIMAX 27dBi Die-Cast Grid Antenna

This die-cast grid antenna operates between 3300-3600MHz. It provides a 27dBi gain and measures 600-900mm.



## Overview

### High-Performance 3.5G WiMAX Connectivity

This 27dBi die-cast grid antenna is engineered for professional-grade wireless communication in the 3400-3600MHz frequency range. Its robust die-cast construction ensures exceptional durability and weather resistance, making it an ideal choice for stable point-to-point or point-to-multipoint applications. The specialized grid design is specifically optimized to minimize wind load while maximizing signal capture for enhanced data transmission rates.

## Key Performance Metrics

### Performance Highlights

**27 dBi**

Gain

**100 W**

Max Input Power

**60 m/s**

Rated Wind Velocity

## Electrical Specifications

### Polarization

Vertical • Horizontal

Frequency Range 3400-3600MHz

Bandwidth 200 MHz

V.S.W.R d1.5

F/B Ratio e31dB

Impedance 50 •

## Signal Pattern

### Beamwidth Characteristics

Orientation	Beamwidth
Horizontal	6.5°
Vertical	9.5°

## Mechanical & Environmental

Antenna Dimensions	600*900MM
Weight	3 KG
Operating Temperature	-40 to +70
Connector	N female
Mounting Method	Pole

## Compliance

Certifications	CE, SGS, IAF, CNAS
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