

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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