

2.4 GHz Grid Parabolic Antenna

This 2.4 GHz grid parabolic antenna is designed for long-range wireless communication. Its parabolic reflector focuses radio waves to achieve high gain and directivity.



ADDITIONAL IMAGES



Product Overview

High-Performance 2.4 GHz Grid Parabolic Antenna

This 2.4 GHz grid parabolic antenna is engineered for long-range wireless communication, utilizing a precision-focused reflector to achieve high gain and directivity. Its robust grid design significantly minimizes wind resistance, ensuring stability and durability in demanding outdoor environments. Designed for versatility, it is an ideal solution for extending Wi-Fi range, establishing point-to-point wireless links, and supporting outdoor wireless networks.

Electrical Specifications

Gain

16 dBi

Gain

Half-power Beam Width

Plane	Width (°)
Horizontal	19
Vertical	14

Polarization

Vertical • Horizontal

Key Electrical Metrics

- Front-to-back ratio: >20 dB
- Impedance: 50 Ω
- VSWR: ≤ 1.5
- Max input power: 100 W
- Lightning protection: DC Ground

Frequency Range

2400-2500 MHz

Mechanical Specifications

Dimensions (H x W x D)	300 x 400 mm
Antenna Weight	1.5 kg
Rated Wind Velocity	60 m/s
Mounting Hardware Compatibility	≥ 35 / ≥ 50 m
Connector	N-Female