

2.4GHz 24dBi Parabolic Outdoor Antenna

This parabolic antenna provides high gain and focused directionality. It is designed for long-range outdoor wireless communication with low signal loss.



Overview

High-Performance Long-Range Connectivity

This 2.4GHz parabolic antenna is engineered for high-gain, long-range wireless communication in demanding outdoor environments. With a 24dBi gain and precise beam widths, it effectively focuses radio waves to improve signal quality and minimize interference. It is an ideal solution for robust point-to-point or point-to-multipoint wireless network deployments.

Performance Metrics

Key Performance Indicators

24 dBi

Gain

150 W

Rated Power

50 Ohm

Impedance

Beam Characteristics

Metric	Value
Horizontal Beam Width	10°
Vertical Beam Width	14°
Front to Back Ratio	>30dB

Technical Specifications

Polarization

Vertical

Frequency Range: 2400-2485 MHz

VSWR: <1.5

Connector Type: N Female

Physical & Environmental

Mounting Hardware

- Mount: 5 Inches Length / 3 Inches Wide
- Rod: 12 Inches Length / 3.25 Inches Wide

Dimensions: 600 x 900 mm

Operating Temperature: -40°C to 60°C

Rated Wind Velocity: 60 m/s

Safety & Cabling

Lightning Protection	Direct Ground
Cable Length	30 cm