

2.4GHz 16dBi Directional Antenna

This high-gain directional antenna is designed for wireless communication systems, providing enhanced signal strength and coverage. It features a robust construction for outdoor deployment and is suitable for various applications, including point-to-point and point-to-multipoint wireless networks.



Product Overview

High-Gain Directional Performance

This 2.4GHz directional antenna is engineered to deliver enhanced signal strength and focused coverage for wireless communication systems. Designed for outdoor deployment, it features a robust construction capable of withstanding harsh environmental conditions. Its directional design effectively minimizes interference and maximizes signal focus, making it an ideal solution for reliable point-to-point and point-to-multipoint wireless network configurations.

Electrical Specifications

Gain

16 dBi

Gain

Beam Width

Plane	Width
Horizontal	23°
Vertical	23°

Connector

SMA female

Frequency Range: 2400-2483 MHz

VSWR: $d 1.5$

Polarization: Vertical

Front-to-Back Ratio: 25 dB

Impedance: 50 Ω

Maximum Input Power: 100 W

Mechanical Specifications

Operating Temperature: -40°C to +80°C

Dimensions: 260 x 260 x 90 mm

Weight: 2 Kg

Mounting Mast Diameter: $\varnothing 30 - \varnothing 50$ mm

Rated Wind Velocity: 241 Km/h