

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 ©
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	Ø30 - Ø50 mm
Rated Wind Velocity	241 Km/h