

2.4GHz Directional WiFi Antenna

This high-gain 2.4GHz directional WiFi antenna is designed for extended range and improved signal strength in wireless networks. It is suitable for indoor and outdoor applications, featuring a durable, weather-resistant enclosure.



Overview

High-Performance Directional Connectivity

This 2.4GHz directional WiFi antenna is engineered to extend network range and enhance signal reliability for demanding wireless environments. With a robust 2x16dBi gain and precise 23-degree beam width, it effectively focuses signals to minimize interference in point-to-point or point-to-multipoint configurations. Designed for durability, it operates reliably in extreme temperatures ranging from -40°C to +80°C, making it suitable for both indoor and outdoor deployments.

Electrical Specifications

Gain

16 dBi

Gain (per port)

Frequency Range	2400-2483 MHz
VSWR	<1.5 (Max 2.0)
Polarization	Horizontal, Vertical
Beam Width	23° (Horizontal & Vertical)
Front-to-Back Ratio	28 dB
Maximum Input Power	100 W
Impedance	50 Ω

Mechanical Specifications

Dimensions	305 x 305 x 20 mm
Weight	3 kg
Mounting Mast Diameter	Ø30 ~ Ø50 mm
Rated Wind Velocity	241 km/h

Environmental Specifications

Operating Temperature	-40°C to +80°C
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Connectivity

Connector Type	SMA x 2 Female
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