

## 2.4 GHz 18 dBi Directional Panel Antenna

This is a 2.4 GHz directional panel antenna. It provides 18 dBi gain for extended range and improved signal strength in wireless communication.



### ADDITIONAL IMAGES



### Overview

#### High-Performance Directional Connectivity

This 2.4 GHz directional panel antenna is engineered to deliver high-gain performance for long-range wireless communication. With an 18 dBi gain and a focused radiation pattern, it significantly improves signal strength and data throughput for Wi-Fi, WLAN, and ISM band applications. Its rugged, weather-resistant design ensures reliable operation in outdoor environments, while the included mounting hardware allows for precise alignment on poles or walls.

### Key Metrics

#### Performance Highlights

**18 dBi**

Gain

**100 W**

Max Input Power

**60 m/s**

Rated Wind Velocity

### Electrical Specifications

Frequency Range	2400-2500 MHz
Polarization	Vertical
Half-power Beam Width	Horizontal: 20°, Vertical: 20°
Impedance	50 $\Omega$
VSWR	d1.5
Lightning Protection	DC Ground

## Mechanical Specifications

Connector	N-Female
Dimensions	305 x 305 x 32 mm
Weight	0.7 kg
Radome Material	ABS
Mounting Hardware Compatibility	Æ35 /Æ50m