

## 2.4 GHz 12 dBi Yagi Antenna

This is a Yagi antenna operating in the 2.4 GHz ISM band. It features a 12 dBi gain, allowing for extended range and improved signal strength in wireless communication systems.



### ADDITIONAL IMAGES



### Overview

#### High-Performance Directional Connectivity

The 2.4 GHz 12 dBi Yagi antenna is a robust, directional solution engineered for the 2.4 GHz ISM band. Featuring a specialized Yagi-Uda design, it minimizes signal interference while maximizing transmission efficiency, making it ideal for point-to-point wireless links and industrial network extensions. Constructed from durable aluminum, this antenna is built for reliable outdoor performance and includes versatile mounting hardware for easy installation.

### Electrical Specifications

#### Half-power Beam Width

**36°**

Horizontal

**32°**

Vertical

Frequency Range	2400-2500 MHz
Gain	12 dBi
Polarization	Vertical, Horizontal
Front-to-back Ratio	>18 dB
Impedance	50 ©
VSWR	1.5
Maximum Input Power	100 W
Lightning Protection	DC Ground

## Mechanical Specifications

Connector

N-Female

Antenna Weight

0.7 kg

Rated Wind Velocity

60 m/s

Reflector Material

Aluminum

Mounting Hardware Diameter

Æ35^M6