

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 Ω
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^H60