

2.4 GHz 14 dBi Yagi Antenna

This 2.4 GHz Yagi antenna provides a 14 dBi gain for wireless communication systems. It features a directional design to enhance signal strength and range.



ADDITIONAL IMAGES



Overview

High-Gain Directional Connectivity

The HXD0809-8 is a robust 2.4 GHz Yagi-Uda antenna engineered for high-performance point-to-point and point-to-multipoint wireless links. With a 14 dBi gain, it provides focused signal transmission and extended range, making it an ideal solution for challenging outdoor environments requiring reliable, long-distance communication. Its durable aluminum construction ensures weather resistance and long-term stability for industrial and commercial networking applications.

Key Performance Metrics

Performance Highlights

14 dBi

Gain

100 W

Max Input Power

2400 MHz

Frequency Start

2500 MHz

Frequency End

Electrical Specifications

Lightning Protection

DC Ground

Polarization	Vertical or Horizontal
Half-power beam width	Hor: 33°, Ver: 30°
Front-to-back ratio	20 dB
Impedance	50 Ω
VSWR	1.5

Mechanical Specifications

Connector	N-Female
Weight	0.7 kg
Rated wind velocity	60 m/s
Reflector Material	Aluminum
Mounting Hardware Compatibility	AE35/45