

2.4GHz 17dBi Wireless Communication Antenna

This antenna is designed for 2.4GHz UNII and ISM applications, as well as 2.4 GHz WLAN systems. It is suitable for IEEE802.11a/g and WiFi systems, offering integrative application in a CPE enclosure.



Overview

High-Performance Wireless Communication

This 2.4GHz wireless communication antenna delivers a high gain of 17dBi, making it an ideal choice for robust signal transmission in demanding environments. Engineered for durability, the unit features an aluminum die-cast enclosure and is rated to withstand extreme temperatures and high wind velocities. Its precise beamwidth and vertical polarization ensure consistent coverage for professional wireless networking applications.

Electrical Performance

Key Performance Metrics

17 dBi

Gain

100 W

Max Input Power

2400 MHz

Frequency Range

VSWR	d 1.5
Impedance	50 ©
Beamwidth	Horizontal: 65°, Vertical: 15°
Connector Type	N Female

Mechanical Specifications

Dimensions	720 x 160 x 75 mm
Weight	4.5 kg
Enclosure Material	Aluminium Die Cast
Rated Wind Velocity	241 km/h

Environmental

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

Installation

Mast Diameter	Ø30 ~ Ø50 mm
---------------	--------------