

## 400-430 MHz LoRa Aluminum Yagi Antenna With 12dBi High Gain

### Part No:AC-D415Y12-09

#### 1. Introduction

Yagi antennas are typically very directional and are used for point to point, or to extend the range of a point to multi-point system.

Our AC-D415Y12-09 antenna offers an extremely wide frequency range, high gain and Aluminum material.

This antenna has an excellent front to back ratio to block unwanted signals and provides outstanding corrosion resistance and longevity in the harshest environments.



## 2. Specification

### Electrical

Frequency Range	400-430MHz
Band width	415±15MHz
Gain	12dBi
F/B Ratio	≥16
Horizontal Beam width	44°
Vertical Beam width	40°
V.S.W.R	≤2.0
Radiation	Direction
Polarization	Vertical or Horizontal
Lightning Protection	DC Grounded
Maximum Input Power	50W
Impedance	50Ω
Connector	N Female
Cable Length	30cm
Antenna Material	Aluminum
Mounting way	Pole Mount
Diameter of Installation Pole	Φ30-50mm

### Mechanical

Antenna Dimension	1330x375x75mm
Weight	1KG
Operating Temperature	-40℃ to+80℃
Rated Wind Velocity	60m/s
RoHS Compliant	YES