

5.1-5.8GHz Width Band High Gain 30dBi Die Cast Grid Antenna

Part No:AC-D5158G30-0609

1. Introduction

5Ghz full band 30dBi Grid antenna is designed for the spread spectrum system. The dimension is in compliance with the plot of feed reflector, which ensures the antenna works in the best state.

This antenna features high gain, long working distance, light weight, compact structure and good command in wind resistance. The wide band design of this antenna eliminates the need to purchase different antennas for each frequency. This simplifies installations since the same antenna can be used for a wide array of wireless applications. This antenna features 30 dBi of gain with a 4 degree beam-width.

It can be oriented for either vertical or horizontal polarization.

Two piece reflector grid is simple to assemble and significantly reduces shipping costs



2. Specification

Electrical

Frequency Range	5150-5850 MHz
F/B Ratio	≥25dB
Gain	30dBi
V.S.W.R	≤2.0
Radiation	Direction
Horizontal Beam width	4°
Vertical Beam width	6°
Polarization	Vertical or Horizontal
Lightning Protection	DC Grounded
Maximum Input Power	100W
Impedance	50Ω
Connector	N Female
Antenna Radome Material	Aluminum Alloy
Mounting way	Pole Mount
Diameter of Installation Pole	Ø50~Ø70mm

Mechanical

Dimensions	600x900mm
Weight	2.5KG
Operating Temperature	-40°C to+70°C
Rated Wind Velocity	60m/s
RoHS Compliant	YES