

2.4GHz Direction 20dBi Dish Antenna

Part No:AC-D24G20

1. Introduction

This is a high performance broadband solid dish antenna. Because of its' superb electrical performance and mechanical stability, the parabolic dish antenna can be used in a wide variety of high performance 2.4 GHz wifi wireless applications.

This antenna features 20 dBi of gain with a 14° horizontal beam-width and 1.5° vertical beam-width. It is fed via a N-Female connectors, Rugged and Weatherproof

The reflector dish of the antenna is constructed from high quality aluminum which gives it superior strength. The dish is coated in a light gray UV-inhibited polymer for durability and aesthetics.

The small diameter of the dish helps minimize wind loading.



2. Specification

Electrical

Frequency Range	2400-2483MHz
Band width	83MHz
F/B Ratio	≥30dB
Gain	20dBi
V.S.W.R	≤1.5
Radiation	Direction
Horizontal Beam width	14°
Vertical Beam width	15°
Polarization	Vertical or Horizontal
Lightning Protection	DC Grounded
Maximum Input Power	100W
Impedance	50Ω
Connector	N Female
Cable Type	LMR240
Cable Length	30cm
Antenna Radome Material	Aluminium alloy
Mounting way	Pole Mount
Diameter of Installation Pole	Ø50~Ø70mm

Mechanical

Antenna Dimension	Φ600mm
Weight	5KG
Operating Temperature	-40°C to+80°C
Rated Wind Velocity	60m/s
RoHS Compliant	YES