

## 3.5GHz 18dbi Panel Antenna With N Female

### Part No:AC-D35W18

#### 1. Introduction

The IP65-rated High-Gain Panel Directional Antenna is made from weatherproof and corrosion-resistant material, and is suited for both indoor and outdoor applications.

It extends the coverage range of a wireless network in a single direction. It is ideal for delivering extended access range when positioned in the corner of a building, or between buildings in a campus-type environment. It requires an access point or wireless router with a extra pigtail cable connect.



## 2. Specification

### Electrical

Frequency Range 3400-3600MHz

F/B Ratio  $\geq 28\text{dB}$

Gain 18dBi

V.S.W.R  $\leq 1.5$

Radiation Direction

Horizontal Beam width  $17^\circ$

Vertical Beam width  $17^\circ$

Polarization Vertical or Horizontal

Lightning Protection DC Grounded

Maximum Input Power 50W

Impedance  $50\Omega$

Connector SMA Female

Antenna Radome Material ABS

Mount way Pole

Diameter of Installation Pole 30-50mm

### Mechanical

Dimensions 305x305x20mm

Weight 2.6KG

Operating Temperature  $-40^\circ\text{C}$  to  $+80^\circ\text{C}$

Rated Wind Velocity 60m/s

RoHS Compliant YES