

RFID 12dBi High Gain Panel Antenna

Part No:AC-D865W12

1. Introduction

RFID Antenna gives you a wide read field and high-speed RF signal conversion, so data capture is fast and accurate, even in expansive, high-demand environments.

It is easy to mount on ceilings and walls, and its rugged grey housing is at home in both customer-facing and industrial settings. So you can achieve superior read zones around stockroom shelves, warehouse doorways and dock platforms – anywhere boxes and pallets are moving into and out of your facility.

The antenna is traditionally used in pairs, with right and left hand polarization



2. Specification

Electrical

Frequency Range	865-868MHz
Band width	3MHz
F/B Ratio	≥18dB
Gain	12dBi
V.S.W.R	≤1.5
Radiation	Direction
Horizontal Beam width	45°
Vertical Beam width	45°
Polarization	Circular or Linear
Lightning Protection	DC Grounded
Maximum Input Power	100W
Impedance	50Ω
Connector	N Female
Antenna Radome Material	ABS
Mount way	Pole
Diameter of Installation Pole	Ø30~Ø50mm

Mechanical

Dimensions	455x455x35mm
Weight	2.9KG
Operating Temperature	-40°C to+70°C
Rated Wind Velocity	60m/s
RoHS Compliant	YES