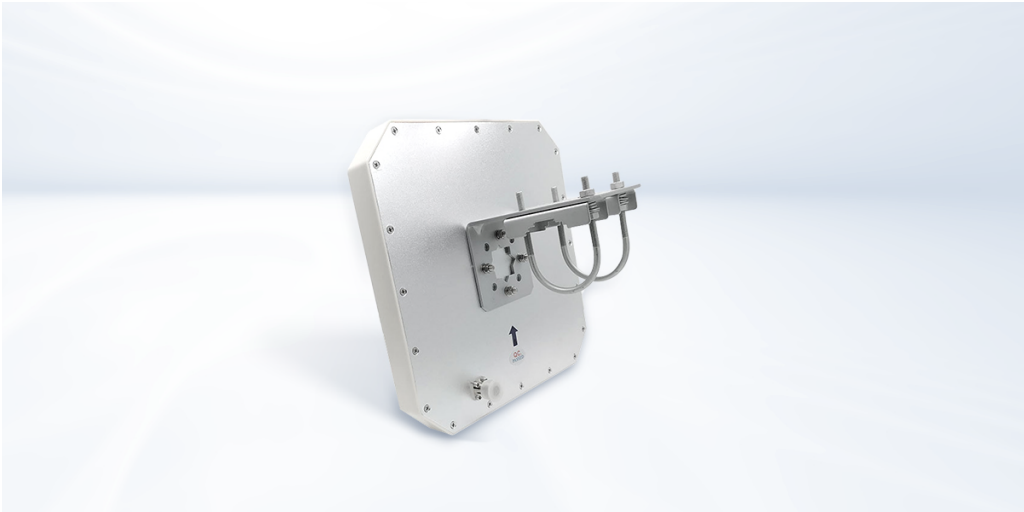


UHF RFID Antenna

9dBi

AZ-9dBi



Key Features

Operating Frequency
UHF 860-960MHz

International Standard
ISO/IEC 18000-6C

IP Rating
IP67

Gain Values
9dBi

Wind Resistance
60m/s

Installation Method
Pole-mounting or wall-mounted

1. Product Overview

The UHF RFID Antenna 9dBi features high-speed reading and writing, supporting long-distance, high-volume tag identification with high data security and outstanding performance. It is compact, lightweight, low-profile, and easy to install, boasting an IP67 high protection rating. It can be widely used in logistics, warehousing, transportation, retail, medical, power, finance, ticketing, animal husbandry, etc.

2. Product Parameters

2.1 Physical Characteristics

SKU	AZ-9dBi
Antenna Size	255×255×30mm(L×W×H)
Antenna Weight	1.27kg
Antenna Color	Grayish White
Surface Material	ABS
Mounting Bracket	Pole-mounted: Ant-MOT-RC09-255/255-P; Wall-mounted: Ant-MOT-RC09-255/255-W
Radiation Plate Material	Aluminium
Interface Form	M female
Cable	Ant-CA-SMA.M/N.M-LMR2-1M Ant-CA-SMA.M/N.M-LMR2-5M Ant-CA-SMA.M/N.M-LMR2-15M Ant-CA-SMA.M/N.M-LMR4-5M Ant-CA-SMA.M/N.M-LMR4-15M
IP Rating	IP67



2.2 Technical Parameters

Operating Frequency	860-960MHz
International Standard	ISO/IEC 18000-6C
Horizontal Angle	60°
Vertical Angle	55°
Polarization	Circular Polarization(right-handed)
Standing Wave Ratio	≤1.3
Gain Values	9dBi
Antenna Front-to-back Ratio	≥17dB
Characteristic Impedance	50Ω
Maximum Input Power	20W

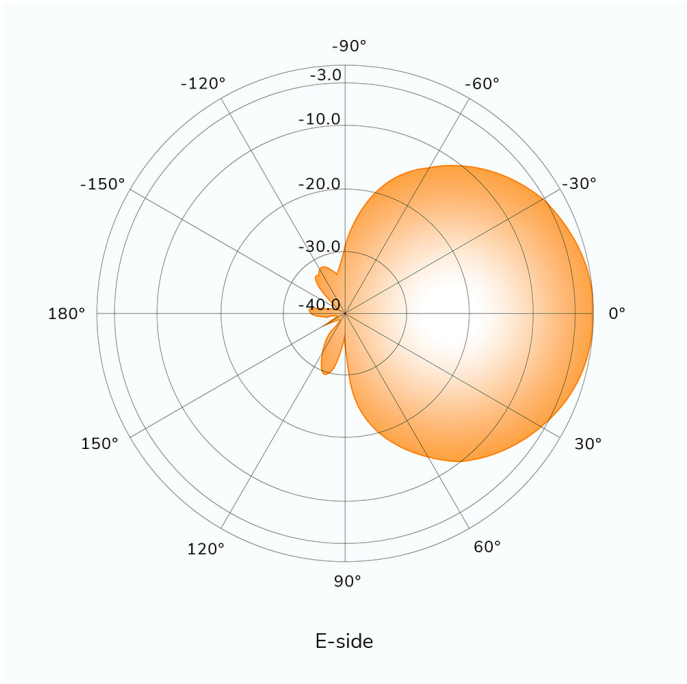
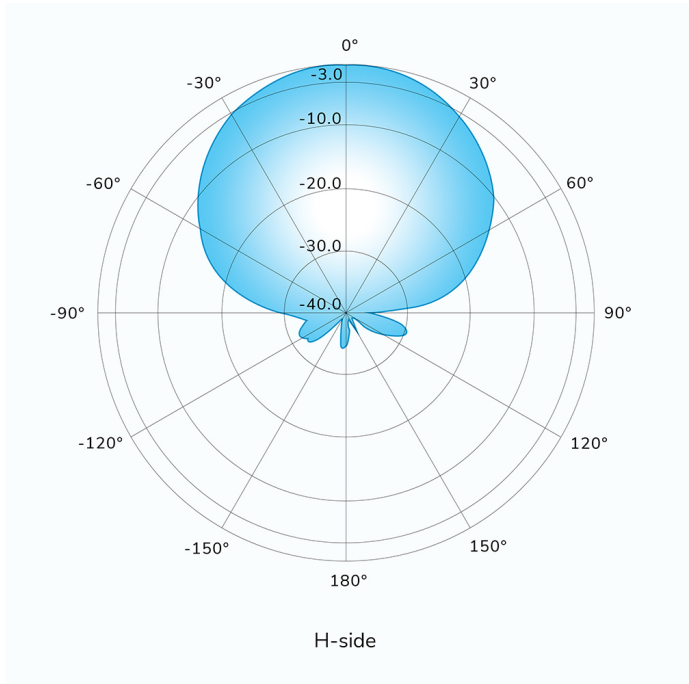
2.3 Additional Information

Operating Environment	-40°C to +60°C
Lightning Protection	DC grounding
Wind Resistance	60m/s

2.4 Installation

Installation Method	Pole-mounting or wall-mounted
Diameter of Support Rod	φ30 - φ50mm

3. Reading Range of Antenna



<https://www.rfidtag.com>

E-mail : sales@rfidtag.com

Phone Number: +86-131-3958-0585

Singapore Office : 10 Science Park Road #03-17A, The Alpha, Singapore Science Park, Singapore 117684

Shenzhen Office : 33-408, Qianhai SZ-HK Fund Town, Nanshan, Shenzhen, China 518052

Shenzhen Factory : Q5, XingDao Industrial Park, LongGang, Bantian, Shenzhen, China 518129