

UHF RFID Antenna

Ant-RC09-255/255



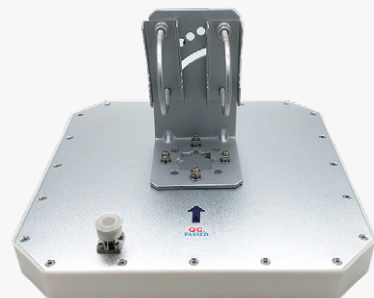
2 years **warranty**

QUALICA-RD 9 dBi

Antenna 9dBi (UHF-RFID): 23 meters maximum distance.

Qualica-RD 9dBi panel antenna. Portable panel antenna with fast read/write, long distance and bulk tag reading features, with high data security guaranteed.

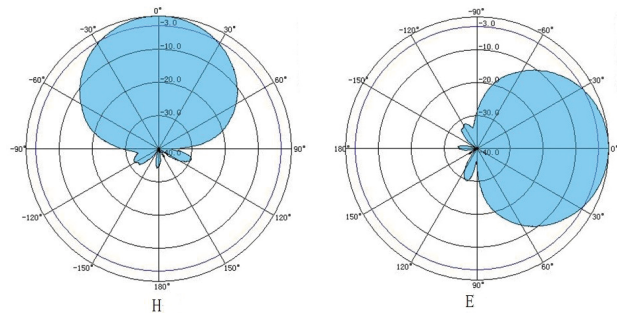
The device is portable, lightweight and easy to install, has a high IP protection rating. With this in mind, Ant-RC09-255/255 is an ideal antenna for various industries; logistics, warehousing, transportation, retail, medical treatment, electric power, finance, ticket management and livestock industry, etc.



Antenna 9dBi UHF-RFID (Ant-RC09-255/255)

Features

- High performance, light weight and small size.
- Antenna and reader are separated.
- Fast reading and writing, long distance.
- IP67.
- Antenna cables (optional, customizable):
 - 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



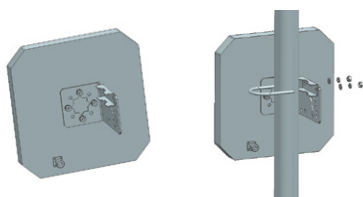
Technical Specifications

Electrical	
Frequency Range	902-928MHz / 865-868MHz
Polarization Type	RHCP
Gain	9dBi
3dB Beam-Width. H-Plan	60°
3dB Beam-Width. E-Plan	55°
VSWR	≤1.3
Front to back Ratio	≥17dB
Input Impedance	50Ω
Max Input Power	20W
Lightning Protection	DC Grounded

Mechanical	
Connector Type	N-Type Female
Dimensions H*W*D (mm)	255*255*30(mm)
Weight	1.27kg(with mounting bracket)
Radome Material	ABS
Radome color	Off-white
Radiant board material	aluminum
Operating Temperature	-40°C/+60°C
Sealing	IP67
Installation mode	Pole mounted or Wall mounted
Support Pole Diameter	φ30-φ50(mm)
Rated Wind Velocity	60m/s

Pole mounting:

Attach the bracket to the antenna with an M5 nut, a flat washer and a spring washer. Then, attach the antenna to the support rod with the U-bolt, flat washer, spring washer and fasteners.



Wall mounting:

Fix the antenna to the wall or any plane with a M3*16 round head self-tapping screw.

