# UHF 9 dBi RFID Circular Antenna

Model IDTS-RUCA9 · Brand: Identium



A 9 dBi circularly polarized UHF RFID antenna for 865–868 MHz, WPC approved, with a 70° × 60° beam and IP67 housing, for gates, dock doors, parking lanes and warehouse read points.

## KEY FEATURES

- **9 dBi gain with a 70° / 60° beam for wide coverage at range**
- **Up to 25 m read range with an Identium UHF 4-port reader**
- 865–868 MHz with right-hand circular polarization
- IP67 ABS body, aluminium reflector, 260 × 260 × 42 mm, 1.0 kg
- N female connector, DC-ground lightning protection, bracket included

## APPLICATIONS

Warehouse dock doors · Vehicle access gates · Parking management · Automated toll lanes · Parcel and luggage flow · Construction sites · Hospital equipment tracking

## SPECIFICATIONS

| | |
|---|---|
| Frequency | 865–868 MHz (other ranges on request) |
| Gain | 9 dBi |
| Polarization | Circular (RHCP) |
| Beam width | 70° horizontal / 60° vertical |
| Read range | Up to 25 m with an Identium UHF 4-port reader |
| Impedance | 50 Ω |
| VSWR | ≤ 1.4 |
| Maximum input power | 50 W |
| Lightning protection | DC ground |
| Connector | N female |
| Material | ABS body, aluminium reflector |
| Dimensions | 260 × 260 × 42 mm |
| Weight | 1.0 kg |

**Identium Tech Solutions Pvt Ltd** · Plot No. 5, First Floor, Raja Dhirsain Marg, Garhi, Sant Nagar, East of Kailash, New Delhi 110065
+91 70110 01472 · marketing@indiarfidstore.com · www.indiarfidstore.com

Specifications are indicative and may change without notice; confirm details for your order in the quotation.

| | |
|---|---|
| IP rating | IP67 |
| Operating temperature | −40 °C to +65 °C |
| Rated wind velocity | 60 m/s |
| Mounting | Bracket included |

Compliance: **WPC Approved**