



UHF RFID Directional PCB Antenna 9 dBi IDTS-RA9350 (350 × 200 mm)

Model IDTS-RA9350 · Brand: Identium



A 9 dBi directional UHF RFID PCB antenna for the 865–868 MHz band, 350 × 200 × 12 mm, with a narrow 40° horizontal beam for long, aimed read zones at doors, smart cabinets and portals.

KEY FEATURES

- **9 dBi gain with a 40° horizontal × 70° vertical beam**
- **Rated for 865–868 MHz for Indian UHF RFID readers**
- Only 12 mm thick; 350 × 200 mm board, 450 g
- Circular polarization, axial ratio ≤ 2 dB
- SMA-female on a side cable, DC-ground lightning protection
- –40 °C to +55 °C operating range

APPLICATIONS

Door access control

Smart cabinets

Long-range inventory

RFID portals

Industrial RFID systems

SPECIFICATIONS

Frequency	865–868 MHz
Gain	9 dBi
Beam width	40° horizontal, 70° vertical
Polarization	Circular
Axial ratio	≤ 2 dB
VSWR	≤ 1.5
Impedance	50 Ω
Max input power	50 W
Lightning protection	DC ground
Connector	SMA-female (side, with cable)
Dimensions	350 × 200 × 12 mm
Weight	450 g
Material	FR4 PCB reflector
Colour	Green
Operating temperature	–40 °C to +55 °C