



UHF RFID Circular Antenna 10.5 dBi ID-ANT-105CP (440 × 440 mm)

Model ID-ANT-105CP · Brand: Identium



A 10.5 dBi right-hand circular UHF RFID antenna in a 440 × 440 mm IP67 aluminium housing, for long-range reads at vehicle gates, open yards and high-bay warehouse racking. Listed for the 902–928 MHz band.

KEY FEATURES

- **10.5 dBi gain for long-range, wide-area UHF reads**
- **Listed range 10–15 m in open air, 8–12 m in an indoor warehouse**
- IP67 aluminium housing rated –40 °C to +80 °C
- Right-hand circular polarization for tags at varying orientations
- N female connector, 50 Ω, VSWR ≤ 1.5, 5 W continuous input
- Listed for 902–928 MHz; confirm the band for Indian 865–868 MHz readers

APPLICATIONS

Vehicle entry gates

Boom barrier lanes

Container and trailer yards

High-bay warehouse racking

Construction site checkpoints

Large dock-door arrays

SPECIFICATIONS

Frequency	902–928 MHz (listed as full band)
Gain	10.5 dBi
Polarization	Circular (RHCP)
Read range	10–15 m open air; 8–12 m in a typical indoor warehouse
Connector	N female
Impedance	50 Ω
VSWR	≤ 1.5
Maximum input power	5 W continuous
Dimensions	440 × 440 × 55 mm
Weight	1.8 kg
Material	Aluminium housing
IP rating	IP67
Operating temperature	–40 °C to +80 °C