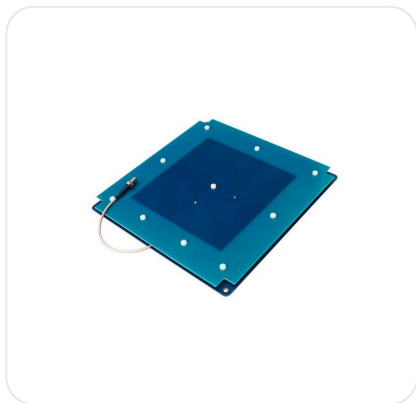




UHF RFID Circular Polarized Antenna 8 dBi ID-ANT-8CP (300 × 300 mm)

Model ID-ANT-8CP · Brand: Identium



A standard 300 × 300 mm, 8 dBi circular polarized UHF RFID panel antenna for dock doors, conveyor checkpoints and factory gates, connected to multi-port fixed readers.

KEY FEATURES

- **8 dBi gain with right-hand circular polarization**
- **Quoted read range of 6–10 m in warehouse conditions**
- 300 × 300 × 40 mm, 0.9 kg, IP65 housing
- Up to 3 W input; N-female, 50 Ω, VSWR ≤ 1.5
- –25 °C to +70 °C for cold stores and open docks
- Works with 4-port and 8-port fixed UHF readers

APPLICATIONS

Warehouse dock doors

Conveyor checkpoints

Factory gates

Cold store warehouses

Inbound receiving portals

SPECIFICATIONS

Gain	8 dBi
Frequency	902–928 MHz
Polarization	Circular (RHCP)
Read range	6–10 m in warehouse conditions (depends on reader, cable and tag)
Connector	N-female
Impedance	50 Ω
VSWR	≤ 1.5
Max input power	3 W
Dimensions	300 × 300 × 40 mm
Weight	0.9 kg
IP rating	IP65
Operating temperature	–25 °C to +70 °C
Compatible with	Fixed UHF readers with external antenna ports (4-port and 8-port)