



UHF RFID Circular Polarized Antenna 7 dBi ID-ANT-7CP (902–928 MHz)

Model ID-ANT-7CP · Brand: Identium



A 7 dBi circular polarized UHF RFID panel antenna in a 270 × 270 mm IP65 housing, for indoor zone and ceiling reading with fixed readers on 902–928 MHz (FCC band) systems.

KEY FEATURES

- **7 dBi gain with right-hand circular (RHCP) polarization**
- **270 × 270 × 35 mm panel for ceiling tiles, false walls and shelf tops**
- Quoted read range of about 5–8 m for zone and portal use
- IP65 housing, –25 °C to +70 °C operating range
- N-female connector, 50 Ω, VSWR ≤ 1.5, up to 2 W input

APPLICATIONS

Hospital asset tracking

Library shelf inventory

Retail zone stock counts

Assembly line checkpoints

Ceiling-mounted read zones

SPECIFICATIONS

Gain	7 dBi
Frequency	902–928 MHz (FCC band)
Polarization	Circular (RHCP)
Read range	About 5–8 m for portal and zone use (depends on reader, cable and tag)
Connector	N-female
Impedance	50 Ω
VSWR	≤ 1.5
Max input power	2 W
Dimensions	270 × 270 × 35 mm
IP rating	IP65
Operating temperature	–25 °C to +70 °C