



UHF RFID Mini Antenna IDTS-RA3085 (3 dBi)

Model IDTS-RA3085 · Brand: Identium



An 85 × 85 mm, 75 g UHF RFID antenna with 3 dBi gain and a very wide 128° × 120° beam, for short-range reading inside smart cabinets, on production lines, on machines and in embedded reader enclosures.

KEY FEATURES

- **Small 85 × 85 × 21 mm housing, 75 g**
- **3 dBi gain, wide 128° × 120° beam for short-range zones**
- Dual band: 865–868 MHz (India, EU) and 902–928 MHz (US)
- Screw mount or magnet mount
- Circular polarisation, axial ratio ≤3 dB
- SMA-K connector on a side-exit cable

APPLICATIONS

Smart cabinets

Production line stations

Access control readers

Packing and dispatch tables

Embedded reader modules

SPECIFICATIONS

Frequency	865–868 MHz / 902–928 MHz
Gain	3 dBi
Beam width	128° horizontal / 120° vertical
Polarisation	Circular
Axial ratio	≤3 dB
VSWR	≤1.5
Impedance	50 Ω
Max input power	5 W
Connector	SMA-K, side exit with cable
Reflector	Low-loss PCB
Dimensions	85 × 85 × 21 mm
Weight	75 g
Radome	ABS, black
Mounting	Screw mount or magnet mount
Operating temperature	-40 °C to +55 °C