

# Near Field UHF Antenna



## Applications

- Jewelry
- Libraries
- Retail POS
- Pharmacy and Healthcare

## Features

- Ultra low-profile
- 6,5 mm thick
- Fair-field Gain < -15dBi typical
- World's thinnest and largest usable working area in near field antenna

## RFID Options

- UHF (865 - 867 MHz)

## Description

iDTRONICs A1030 offers the world's largest working surface in a near field antenna, and at just 6.5 mm thick, the A1030 is opening up new possibilities for item level RFID tracking where a short range read is required.

The A1030 antenna offers outstanding near field performance in an unique and optimized footprint, improving workflow and eliminating stray tag-reads.

Highly durable, with flexible and easy mounting options, and with a fire retardant Kydex radome, the A1030 is a rugged performer - and as the largest and thinnest near field antenna around - the A1030 packs a sizeable punch in the world of UHF antennas.

## Technical Data

Electrical Specifications	
Frequency Range	864–869 MHz/ 902–928 MHz
Far-field Gain	< -15 dBi typical
Typical VSWR	< 1.8.1
Nominal Impedance	50 $\Omega$
Maximum input Power	6W

Physical / Environmental Specifications	
Dimensions	300mm x 300mm x 6.5mm
Weight	500 g
Radome Material	Fire retardant Kydex
Environmental Rating	IP53
Operating / Storage Temperature	0° to +50°C
Mounting	Integrated mounting guides
Connector type	SMA female side fly lead (300mm)
Cable	2m SMA to RPTNC (included)

## Order Codes

Order Code
R-T7-A1030

iDTRONIC GmbH  
Donnersbergweg 1  
67059 Ludwigshafen  
GERMANY

Phone +49 (0) 621 66 90 09 4-0  
Fax +49 (0) 621 66 90 09 4-9  
E-Mail: [info@idtronic-rfid.com](mailto:info@idtronic-rfid.com)  
Web: [idtronic-rfid.com](http://idtronic-rfid.com)

For further information & prices, please contact [info@idtronic-rfid.com](mailto:info@idtronic-rfid.com)

Subject to alteration without prior notice  
©2018 iDTRONIC GmbH