



RFID UHF ANTENNA NEAR-FIELD ANTENNA

APPLICATIONS

- Jewelry
- Libraries
- Retail POS
- Pharmacy and Healthcare

FEATURES

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

RFID OPTIONS

- UHF (865 – 867 MHz)

DESCRIPTION

iDTRONIC's 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 Ω
Maximum input Power	6 W

PHYSICAL / ENVIRONMENTAL SPECIFICATIONS	
Dimensions	300 × 300 × 6.5 mm
Weight	500 g
Radome Material	Fire retardant Kydex
Protection Class	IP53
Operating Temperature Storage Temperature	0 °C to +50 °C
Mounting	Integrated mounting guides
Connector type	SMA female side fly lead (300 mm)
Cable	2 m SMA to RPTNC (included)

ORDER CODES

ORDER CODE
R-T7-A1030

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