

ABOUT TIMES-7

Pushing the boundaries of RFID technology worldwide Times-7 are leaders in RFID antenna design and manufacture. Our patented award winning UHF antennas meet the needs of virtually any industry application; providing customers with fast accurate tracking of products, assets & people; empowering organisations to transform processes & reduce costs.

Our SlimLine range of antennas are unique in the RFID industry; offering high levels of performance & durability in an aesthetically superior form. Proven in a diverse & growing range of markets, applications include: retail & customer interaction, conference & people tracking, race timing, baggage handling, and logistic & supply chain asset management.



The A1001 Near Field Antenna

Offering a breakthrough in size and performance the A1001 is the smallest commercially available wideband near field UHF RFID antenna.

Ideal for enclosed spaces and anywhere a small footprint is required, the A1001 Near Field / Short Range UHF antenna provides wideband reception and transmission of signals in the 864-928 MHz frequency range (ETSI & FCC bands inclusive).

The smallest commercially available wideband near field UHF RFID antenna

Read distance:
0 to 10 cm / 3.4 in.

Typical applications:
Access control & security, retail POS,
libraries, & mass transit systems

The A1001 antenna offers impressive performance in a small footprint, greatly reducing stray tag-reads, and illustrates the advantage of near field / short range RFID in a truly cost effective solution.

Highly durable and moulded within an ABS housing, the A1001 has excellent ingress protection with an IP65 rating making it suitable for a wide range of indoor and outdoor applications.

Specifications

Physical / Environmental Specifications

Dimensions (LxWxD):	82.0 mm x 82.0 mm x 9.5 mm 3.2 in. x 3.2 in. x 0.3 in.
Weight:	100 g / 0.22 lbs.
Casing:	Moulded ABS housing
Environmental Rating:	IP65
Operating / Storage Temperature:	0° to +50°C / -30° to +60°C +32° to +122°F / -22° to +140°F
Connector type / position:	Type SMA Female / Side

Electrical Specifications

Frequency Range:	864 – 928 MHz
Far-Field Gain:	-20dBi (greatly reduces stray tag-reads)
Typical VSWR across frequency range:	< 1.4
Nominal Impedance:	50 Ω
Maximum Input Power:	1 W

OUR GLOBAL NETWORK

Constantly increasing market reach and influence in the global RFID industry, Times-7's international support spans The Americas, Europe, and Asia Pacific regions through our distributor, authorized reseller and integrated solutions provider network.

Ordering Information (please quote both product code & part no.)

Product Code	Band	Part No.
A1001	ETSI / FCC Wideband	71203

Applications

- Access Control & Security
- Retail POS
- Libraries
- Mass Transit Systems



The technical data contained in this publication is not a guarantee for which Times-7 Research Ltd assumes legal accountability. It is indicative of typical performance, and if required should be relied on for specific applications only after due verification.

All technical data, specifications and other information contained herein are deemed to be the proprietary intellectual property of Times-7 Research Ltd. No reproduction, copy or use thereof may be made without the express written consent of Times-7 Research Ltd.



1.888.238.1155 | Inside USA
1.205.383.2244 | Outside USA
info@atlasRFIDstore.com
www.atlasRFIDstore.com