

NEAR FIELD / SHORT RANGE UHF ANTENNA - A1001

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.

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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 great performance 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(s) / position:	Type SMA Female / Side
Cable Accessories:	Please see ordering information

Electrical Specifications

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

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

Product Code	Band	Part No.
A1001	ETSI / FCC Wideband	71203
Cable 2m, SMA to RPTNC		71436
Cable 4m, SMA to RPTNC		71437
Cable 8m, SMA to RPTNC		71438

Applications

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



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.

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