

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 organizations to transform processes & reduce costs.

Our SlimLine range of antennas is 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

Wideband near field UHF RFID antenna

82 mm / 3.2" square footprint

Read distance:
0 to 10 cm / 3.4 in.

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

Offering a breakthrough in size and performance the A1001 is a small 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 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.

Specifications

Physical / Environmental Specifications

| | |
|----------------------------------|--|
| Dimensions (L x W x D): | 82.0 mm x 82.0 mm x 9.5 mm 3.2 " x 3.2 " x 0.3 " |
| Weight: | 100 g / 0.22 lbs. |
| Casing: | Moulded ABS housing |
| Environmental Rating: | No rating |
| 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 |

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.

Electrical Specifications

| | |
|----------------------|-------------|
| Frequency Range: | 864-928 MHz |
| VSWR: | 1.4 typical |
| Nominal Impedance: | 50 Ω |
| Maximum Input Power: | 1 W |

Order Information

(please quote both product code & part no.)

| Product Code | Band | Part No. |
|-------------------------|---------------------|---------------|
| A1001 | ETSI / FCC Wideband | 71203 |
| Cable Accessories | Cable Type | Part No. |
| Cable 2 m, SMA to RPTNC | 195 / 240 | 71436 / 71782 |
| Cable 4 m, SMA to RPTNC | 195 / 240 | 71437 / 71784 |
| Cable 6 m, SMA to RPTNC | LMR 240 | 71904 |
| Cable 8 m, SMA to RPTNC | 195 / 240 | 71438 / 71788 |

Applications

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



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