

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 Comprehensive 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.

Times-7
29 Railway Avenue
Lower Hutt 5010
New Zealand
P: +64 4 569 1500

APAC
P: +64 4 974 6566

AMERICAS
P: +1 408 769 5025

E: info@times-7.com

www.times-7.com



Just 14mm/0.55in. thick

High performance & ultra-rugged

Impact strengthened

All weather/outdoor

The RuggedLine A3030

Times-7's RuggedLine antennas are setting a new benchmark for high performance RFID in demanding/industrial applications. Impact strengthened, the RuggedLine IP67 range is rated for 24/7 outdoors and all weather use. Ideal for Forklift RFID and proven in applications from waste management to access control, the Times-7 Ultra-Rugged Range can be ordered in a flush mount or rack mount configuration.

Specifications

Physical / Environmental Specifications

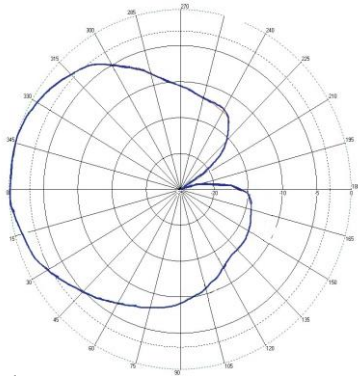
| | |
|----------------------------------|---|
| Dimensions (LxWxD): | 270 mm x 205 mm x 14 mm 10.6 in. x 8.1 in. x 0.55 in. |
| Weight: | 1.25kg |
| Radome Material: | PPE |
| Environmental Rating: | IP 67 |
| Operating / Storage Temperature: | -20° to +55°C / -30° to +65°C -4° to +131°F / -22° to +149°F |
| Mounting: | Flush mount standard, rack mount accessory available |
| Connector type / position: | SMA Female side connector |

Electrical Specifications

| | |
|--------------------------------------|-------------------------------|
| Frequency Range: | 864 – 869 MHz / 902 – 928 MHz |
| Polarisation: | Circular |
| Far-field Gain: | 7dBic Peak |
| Far-field 3dB beamwidth: | XZ = 60° YZ = 85° |
| Typical VSWR across frequency range: | < 1.4 across the band |
| Front to back ratio: | -13dB |
| Axial ratio: | <2.5dB Typical |
| Nominal Impedance: | 50 Ω |
| Anti-static protection: | Yes |
| Maximum Input Power: | 6 W |

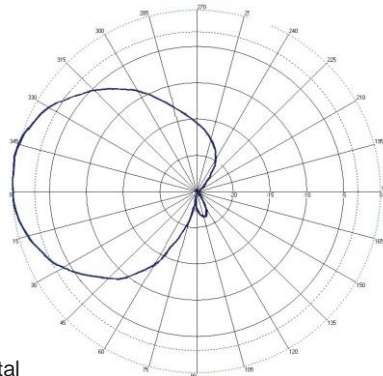
E-field elevation & Azimuth Patterns

XZ Plane



Vertical

YZ Plane



Horizontal

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

| Product Code | Band | Part No. |
|----------------------|--------------|----------|
| A3030 | 902-928 FCC | 71661 |
| A3030 | 864-869 ETSI | 71664 |
| Rack Mount Accessory | | 71757 |

Applications

- Warehousing
- Access Control / Vehicle Tolling
- Waste management



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.

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.

Times-7 HQ
29 Railway Avenue
Lower Hutt 5010
New Zealand
P: +64 4 569 1500

APAC
P: +64 4 974 6566

Times-7 USA
21060 Homestead Road
Suite 226
Cupertino, CA
95014

AMERICAS
P: +1 408 769 5025

E: info@times-7.com

www.times-7.com