

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.



Just 14mm / 0.55 in. thick

High performance & ultra-rugged

Impact Strengthened

All weather / outdoors

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:	PVC
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:	2m (6ft) lead RP-TNC plug

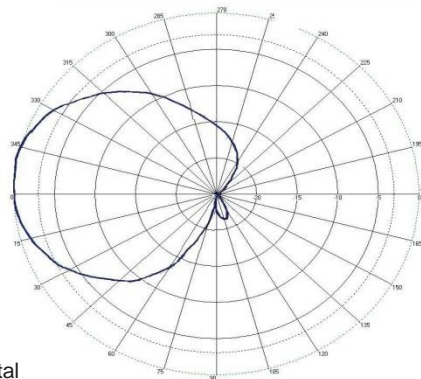
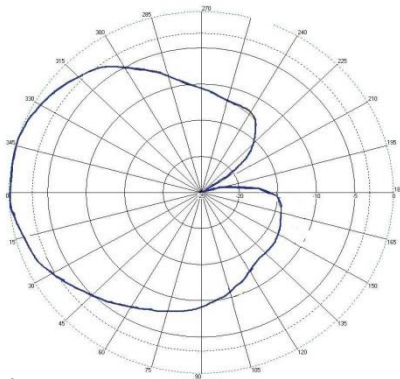
Electrical Specifications

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

YZ Plane



Vertical

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 Research Ltd
29 Railway Avenue
Lower Hutt 5010
New Zealand
P: +64 4 569 1500
F: +64 4 569 1400

APAC
P: +64 4 974 6566

NORTH AMERICA
P: +1 858 225 2214

EMEA
P: +31 411 62 29 49

E: info@times-7.com

www.times-7.com