

## 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.

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Just 14mm / 0.55 in. thick

High performance & ultra-rugged

Impact Strengthened

All weather / outdoors

### *The RuggedLine A3010*

With 5dBic performance in a sleek yet ultra-rugged and compact 210x155mm (8" x 6") dimension, the A3010 is ideal for Forklift RFID and proven in applications from waste management to access control. Impact strengthened, the RuggedLine IP67 range is rated for 24/7 outdoors and all weather use. Available in a flush or rack mount configuration, Times-7's RuggedLine antennas are setting a new benchmark for high performance RFID in demanding/industrial applications.

## Specifications

### **Physical / Environmental Specifications**

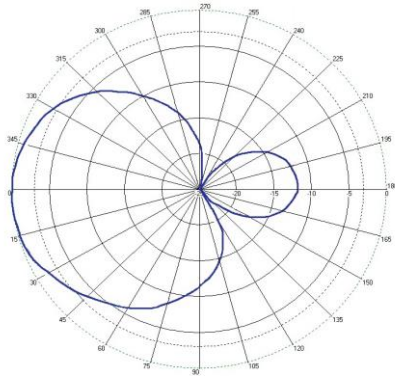
Dimensions (LxWxD):	210 mm x 155 mm x 14 mm 8.3 in. x 6.1 in. x 0.55 in.
Weight:	0.75kg (1.6 lbs)
Radome Material:	PPE
Environmental Rating:	IP 67
Operating / Storage Temperature:	-20° to +55°C / -30° to +65°C -4° to +131°F / -22° to +149°F
Mounting:	Flush mount standard, rack mount accessory available
Connector type / position:	SMA Female side connector

### **Electrical Specifications**

Frequency Range:	864 – 869 MHz / 902 – 928 MHz
Polarisation:	Circular
Far-field Gain:	5dBic Peak
Far-field 3dB beamwidth:	XZ = 70° YZ = 90°
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

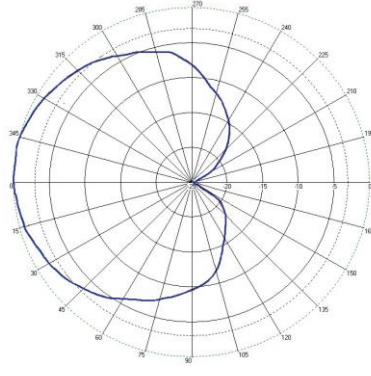
*E-field elevation & Azimuth Patterns*

*XZ Plane*



Vertical

*YZ Plane*



Horizontal

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

Product Code	Band	Part No.
A3010	902-928 FCC	71655
A3010	864-869 ETSI	71658
Rack Mount Accessory		71757

## Applications

- Warehousing
- Access Control / Vehicle Tolling
- Waste management



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**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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