

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

Combining high gain and ultra rugged strength the A3050 is ideally suited to waste management and vehicle access control / tolling. The all new Ultra-Rugged Range of antenna's that are impact strengthened and IP67 rated for 24/7 outdoors and all weather use. This Ultra Rugged Range can be ordered in a flush or Rack mount configuration.

Specifications

Physical / Environmental Specifications

Dimensions (LxWxD):	360 mm x 360 mm x 14 mm 14.2 in. x 14.2 in. x 0.55 in.	
Weight:	2.85kg	
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	

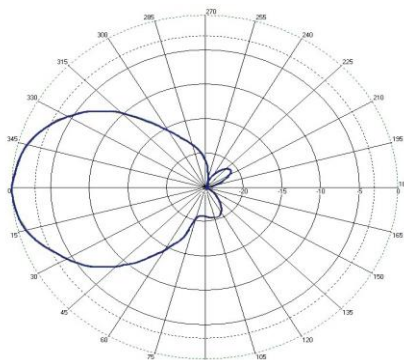
Electrical Specifications

Frequency Range:	864 – 869 MHz	902 – 928 MHz
Polarisation:	Circular	Circular
Far-field Gain:	9dBic Peak	10dBic Peak
Far-field 3dB beamwidth:	Approx 50° in both planes	Approx 50° in both planes
Typical VSWR across frequency range:	<1.4 across the band	<1.4 across the band
Front to back ratio:	-15dB	-15dB
Axial ratio:	<2.5dB Typical	<2.5dB Typical
Nominal Impedance:	50 Ω	50 Ω
Anti-static protection:	Yes	Yes
Maximum Input Power:	6 W	6 W

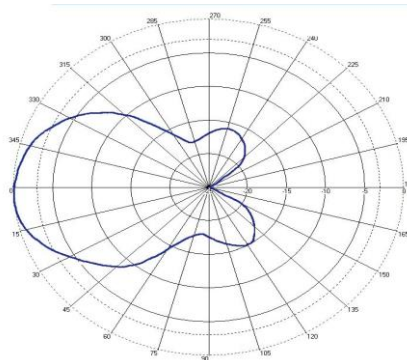
E-field elevation & Azimuth Patterns

XZ Plane

YZ Plane



Vertical



Horizontal

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

Product Code	Band	Part No.
A3050	902-928 FCC	71673
A3050	864-869 ETSI	71676
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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