

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 comprehensive 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 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.

Just 14mm / 0.55 in. thick

High performance & ultra-rugged

Impact Strengthened

All weather / outdoors

Specifications

Physical / Environmental Specifications

Dimensions (L x W x D):	210 mm x 155 mm x 14 mm 8.3 " x 6.1 " x 0.55 "
Weight:	0.75 kg (1.6 lbs)
Radome Material:	PVC (Polyvinyl Chloride)
Environmental Rating:	IP67
Operating / Storage Temperature:	-20° to +55°C / -30° to +65°C -4° to +131°F / -22° to +149°F
Mounting:	Flush mount standard/mounting plate
Connector type / position:	1 m 195 cable with RP-TNC connector

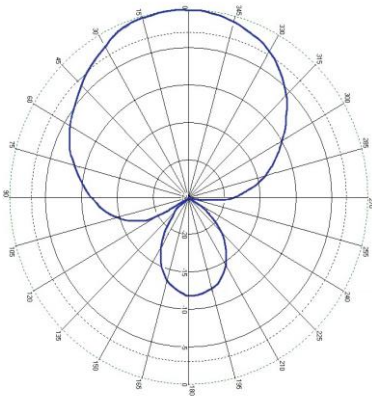
* The A3010 is not RoHS compliant.

Electrical Specifications

Frequency Range:	864-869 MHz / 902-928 MHz
Polarisation:	Circular
Far-field Gain:	5 dBiC typical
Far-field 3 dB beamwidth:	XZ = 70° YZ = 90°
VSWR	1.4 typical
Front to back ratio:	-13 dB
Axial ratio:	<2.5 dB Typical
Nominal impedance:	50 Ω
Anti-static protection:	DC grounded
Antenna detection	10 K Ω resistance
Maximum Input Power:	3 W

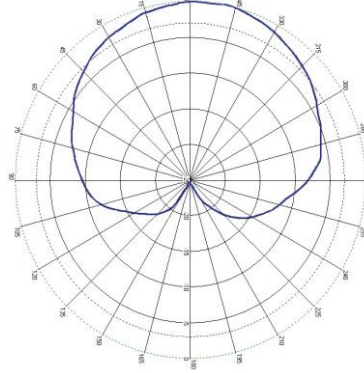
E-field elevation & Azimuth Patterns

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
Cable Accessories	Cable Type	Part No.
Cable 2 m, SMA to RPTNC	LMR 195 / 240 / 400	71436 / 71782 / 72042
Cable 4 m, SMA to RPTNC	LMR 240 / 400	71784 / 72043
Cable 6 m, SMA to RPTNC	LMR 240 / 400	71904 / 72044
Cable 8 m, SMA to RPTNC	LMR 240 / 400	71788 / 72045

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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