

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 SlimLine 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 Research Ltd
69 Gracefield Road
Lower Hutt 5010
New Zealand
P: +64 4 569 1500
F: +64 4 569 1400

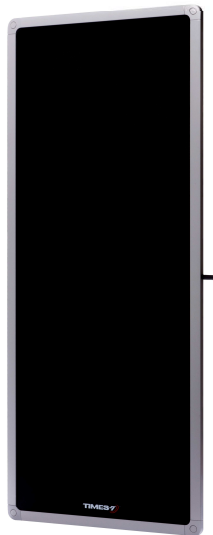
APAC
P: +64 4 974 6566

NORTH AMERICA
P: +1 858 225 2214

EMEA
P: +31 411 622 949

E: info@times-7.com

www.times-7.com



The SlimLine A6034

Up to 9m /29ft read range

Just 12mm (0.5 inch) thick

High performance & rugged design

Suitable for indoor/outdoor use
& industrial applications

Part of the SlimLine range of multi-purpose antennas, the A6034 is an ultra-low profile high performance circular polarised flat panel antenna. With a read range of up to 9m / 29ft. and a physical span of 747mm (29.4 in.), this long length antenna is particularly suitable for portal applications where maximum read zone coverage is important.

Specifications

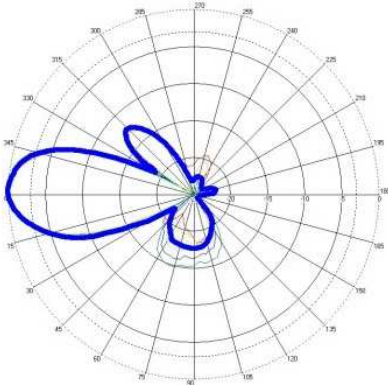
Physical / Environmental Specifications

Dimensions (LxWxD):	747 mm x 314 mm x 12 mm 29.4 in. x 12.4 in. x 0.5 in.
Weight:	2.2kg / 4.8 lbs.
Radome Material:	Fire retardant Kydex
Environmental Rating:	IP65
Operating / Storage Temperature:	-20° to +55°C / -30° to +65°C -4° to +131°F / -22° to +149°F
Mounting:	Integrated mounting holes / no accessory req.
Connector type / position:	SMA female side fly lead (300mm / 1ft)
Cable Included (Yes):	2m SMA to RPTNC included

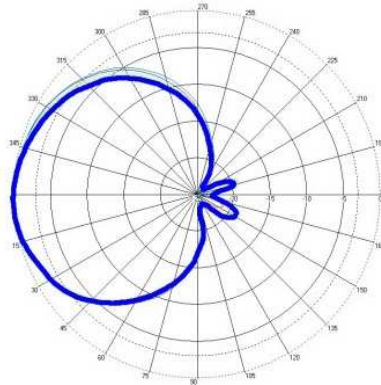
Electrical Specifications

Frequency Range:	864 – 869 MHz / 902 – 928 MHz
Polarisation:	Circular
Far-field Gain:	9dBic
Far-field 3dB beamwidth:	50° in both planes
Typical VSWR across frequency range:	< 1.4:1
Front to back ratio:	13dB
Axial Ratio:	<2dB at boresight
Nominal Impedance:	50 Ω
Anti-static protection:	Yes
Maximum Input Power:	6 W

E-field elevation & Azimuth Patterns



Vertical



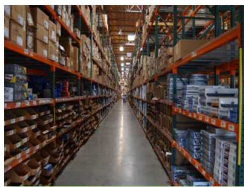
Horizontal

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

Product Code	Band	Part No.
A6034	ETSI 864-869 MHz	70803
A6034	FCC 902-928 MHz	70809
Cable 4m, SMA to RPTNC		71437
Cable 8m, SMA to RPTNC		71438

Applications

- High performance RFID applications where long / highly accurate read zones are required
- Space constrained / Customer facing environments
- All-weather rugged design suitable for industrial applications



Times-7 Research Ltd
 69 Gracefield Road
 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: +31 411 622 949

E: info@times-7.com

www.times-7.com

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.