

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 SlimLine 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.



The SlimLine B6031

Up to 4 m / 13 ft. read range

Just 8 mm / 0.3 in. thick

Sleek & rugged design, with customer friendly aesthetics

Typical applications:

Retail, office, industry / any space constrained or customer facing environment

Part of the SlimLine range of multi-purpose antennas, the B6031 is an ultra-low profile circularly polarized flat panel antenna for UHF RFID applications in customer facing or space conscious environments.

With a 4 m / 13 ft. read range, the B6031 is similar in size and weight to a Tablet PC and can easily blend into any office or retail environment.

Specifications

Physical / Environmental Specifications

Dimensions (L x W x D):	275 mm x 214 mm x 8 mm 10.8 ' x 8.5 ' x 0.3 '
Weight:	0.5Kg / 1.1Lbs
Radome Material:	Fire retardant ABS
Environmental Rating:	IP54
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 Cable type / position:	SMA female 195 side fly lead (300 mm / 1 ft.)

Electrical Specifications

Frequency Range (ETSI/FCC):	865 – 868 MHz / 902 – 928 MHz
Polarization:	Circular
Far-field Gain:	5 dBiC typical
Far-field 3 dB beamwidth:	60° vertical 80° horizontal
Typical VSWR:	1.4
Front to back ratio:	15 dB
Typical Axial ratio:	2 dB at boresight
Nominal Impedance:	50 Ω
Anti-static protection:	Yes
Maximum Input Power:	6 W

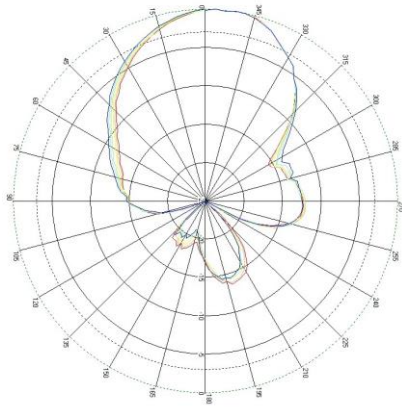
RFID Solutions

www.rfidsolutionsinc.com

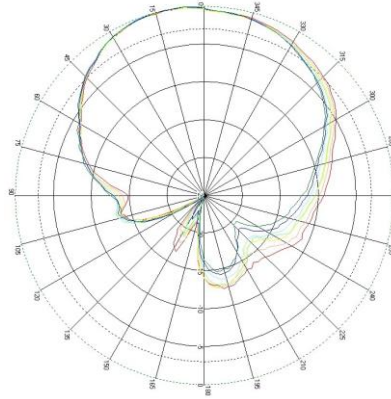
sales@rfidsolutionsinc.com

(561) 271-1727

E-field elevation & Azimuth Patterns



Vertical



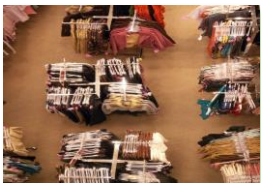
Horizontal

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

Product Code	Band	Part No.
B6031	ETSI 865-868 MHz	71828
B6031	FCC 902-928 MHz	71827

Applications

- Retail inventory management
- Office asset tracking
- Any space constrained / customer facing environment



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.

RFID Solutions

www.rfidsolutionsinc.com

sales@rfidsolutionsinc.com

(561) 271-1727

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.