

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 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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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

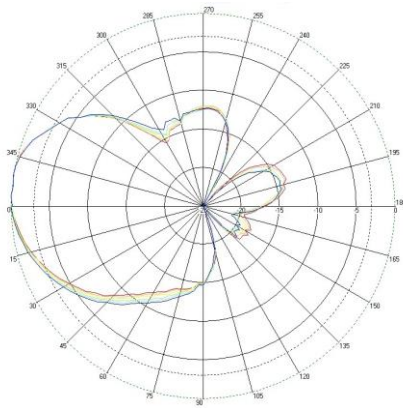
Physical / Environmental Specifications

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.)

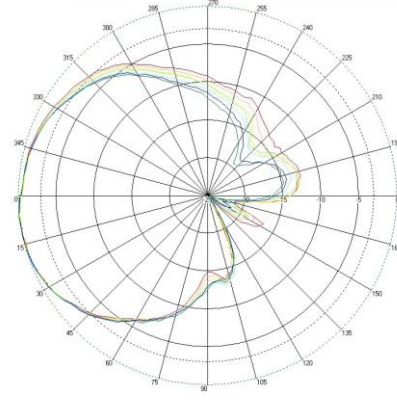
Electrical Specifications

Frequency Range:	865 – 867 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

E-field elevation & Azimuth Patterns



Vertical



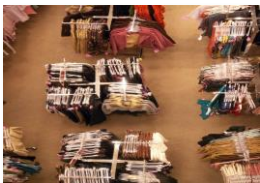
Horizontal

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

Product Code	Band	Part No.
B6031	ETSI 865-867 MHz	71828
B6031	FCC 902-928 MHz	71827

Applications

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



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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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