

CIRCULAR POLARISED UHF ANTENNA

SlimLine - A6032

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.



The SlimLine A6032

Up to 6 m / 19.5 ft. read range

Just 12 mm / 0.5 in. thick

Sleek & rugged design, with customer friendly aesthetics

Typical applications:

Retail, industrial / any space
constrained or customer facing
environment

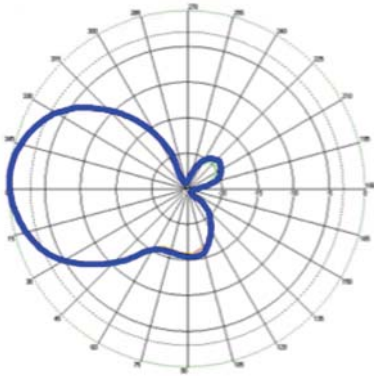
Part of the SlimLine range of multi-purpose antennas, the A6032 is both unobtrusive and rugged. Together with its superior aesthetics, the A6032 is ideal for customer facing applications and sought after for RFID deployments from retail to industrial asset tracking. The A6032 can be flush wall mounted for asset tracking or used as a slim counter antenna for inventory management.

Specifications

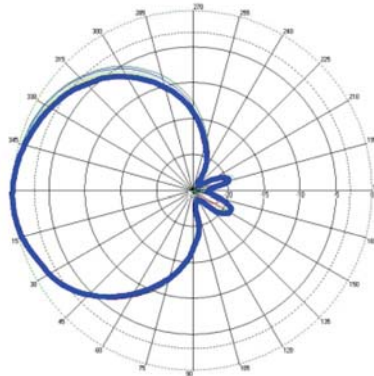
Physical / Environmental Specifications

Dimensions (LxWxD):	391 mm x 275 mm x 12 mm 15.4 in. x 10.8 in. x 0.5 in.
Weight:	1 kg / 2.2 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 (300 mm / 1 ft.)
Cable:	2m SMA to RPTNC (included)
Vibration:	IEC 68-2-6 (10 to 150 Hz, 0.5g, 1 hr. / 2 axes, Random Vibration)
Humidity:	IEC 68-2-30 (+25° to +55°C / +77° to +131°F / 24 hr. cycle of at least 90% relative humidity)
Cold Test:	IEC 68-2-1 (-40°C / -40°F / 24 hr.)
Heat Test:	IEC 68-2-2 (+70°C / +158°F / 24 hr.)
Temperature Shock Test:	IEC 68-2-1 (10 cycles of 30 mins. at -40°C / -40°F followed by 30 mins. at +70°C / +158°F and back)

E-field elevation & Azimuth Patterns



Vertical



Horizontal

Electrical Specifications

Frequency Range:	864 – 869 MHz / 902 – 928 MHz
Polarisation:	Circular
Far-field Gain:	7dBic
Far-field 3dB beamwidth:	48° in vertical, 75° in horizontal
Typical VSWR across frequency range:	< 1.4:1
Front to back ratio:	22dB
Axial ratio:	<2dB at boresight
Nominal Impedance:	50 Ω
Anti-static protection:	Yes
Maximum Input Power:	6 W

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

Product Code	Band	Part No.
A6032	ETSI 864-869 MHz	70802
A6032	FCC 902-928 MHz	70808
Cable 4m, SMA to RPTNC		71437
Cable 8m, SMA to RPTNC		71438

Applications

- Retail inventory management
- Industrial 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.

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