

CIRCULAR POLARISED UHF ANTENNA

SlimLine - A4030C

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.

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The SlimLine A4030C

Up to 6 m / 19.5 ft. read range

Just 12mm / 0.5 in. thick

Versatile & compact with superb aesthetics

Seamless installation using rear connector

Part of the SlimLine range of multi-purpose antennas, the A4030C is a rugged high performance circular polarised UHF antenna suitable for a wide range of RFID deployments. With a read range of up to 6m / 19.5ft., and dimensions of only 280 mm / 11 in. square, the A4030C is an extremely versatile and compact antenna. A rear connector provides for ease of seamless installation with no visible cable.

Specifications

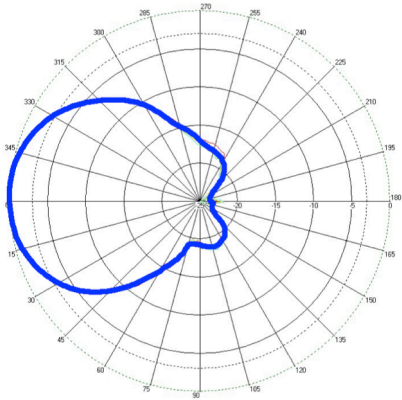
Physical / Environmental Specifications

Dimensions (LxWxD):	280 mm x 280 mm x 12 mm 11 in. x 11 in. x 0.5 in.
Weight:	0.75kg / 1.6 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
Connector type / position:	SMA female / Rear connector
Cable:	2m SMA to RPTNC (included)

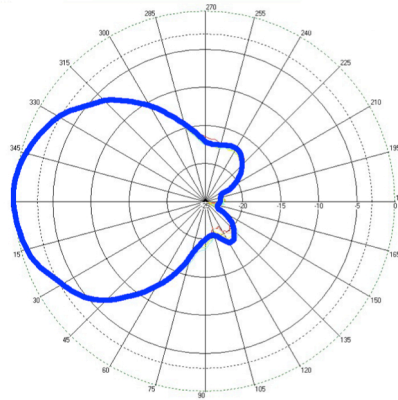
Electrical Specifications

Frequency Range:	864 – 869 MHz / 902 – 928 MHz
Polarisation:	Circular
Far-field Gain:	6.5dBic
Far-field 3dB beamwidth:	60° in both planes
Typical VSWR across frequency range:	< 1.4:1
Front to back ratio:	26dB
Axial Ratio:	<2dB at boresight
Nominal Impedance:	50 Ω
Anti-static protection:	Yes
Maximum Input Power:	6 W

E-field elevation & Azimuth Patterns



Vertical



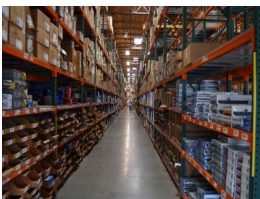
Horizontal

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

Product Code	Band	Part No.
A4030C	ETSI 864-869 MHz	71269
A4030C	FCC 902-928 MHz	71270
Cable 4m, SMA to RPTNC		71437
Cable 8m, SMA to RPTNC		71438

Applications

- Inventory Management
- Logistics & Supply Chain
- Healthcare (asset & people tracking)
- Retail / POS self service



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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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