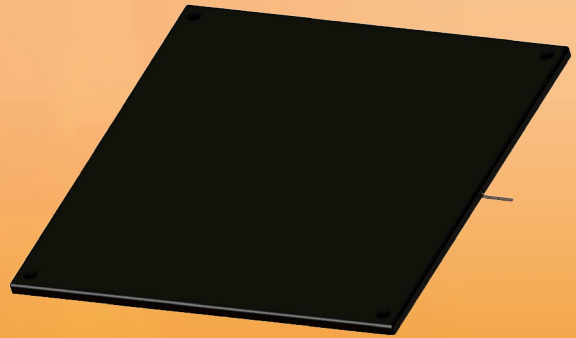


RFID UHF ANTENNA SHELF ANTENNA



APPLICATIONS

- Retail Markets
- Asset Tracking
- Supply Chain
- Shelving Applications
- Cabinet Applications

FEATURES

- Ultra low profile
- Only 8.5 mm / 0.3 inch thick
- Innovative Array-Ability
- Multi-purpose antenna

RFID OPTIONS

- UHF (865 – 867 MHz | 902 – 928 MHz)

DESCRIPTION

Part of our SlimLine range of antennas, the A7030C with its innovative 'Array-Ability' design offers a highly scalable and customised antenna solution for a wide range of RFID deployments.

At just 8.5 mm / 0.3 in. thick, the A7030C combines ultra-low profile and intelligent scalable design, with the performance of a circular polarised UHF antenna.

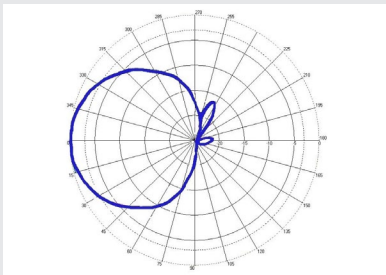
With a highly durable Kydex radome and flexible easy mounting options, including the use of innovative 'Array-Ability' feet, the A7030C is ideal for existing shelving systems, providing real-time asset & inventory management – quite simply the smartest antenna on the shelf.

TECHNICAL DATA

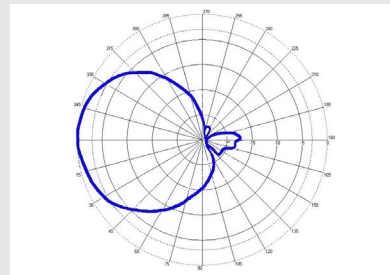
ELECTRICAL SPECIFICATIONS	
Frequency Range	ETSI: 865 – 867 MHz FCC: 902 – 928 MHz
Polarisation	Circular
Far-field Gain	5 dBic (ETSI) / 6 dBic (FCC)
Far-field 3 dB beamwidth	65° in vertical, 65° in horizontal
Typical VSWR across frequency range	< 1.4:1
Front to back ration	22 dB (ETSI) / 17 dB (FCC)
Axial Ratio	2 db (ETSI) / 3 dB; max: 4 dB (FCC)
Nominal Impedance	50 Ω
Anti-static protection	Yes
Max. Input Power	6 W

PHYSICAL / ENVIRONMENTAL SPECIFICATIONS	
Dimensions	300 × 300 × 8.5 mm 11.8 × 11.8 × 0.3 in
Weight	0.75 kg / 1.6 lbs.
Radome Material	Fire retardant Kydex
Protection Class	IP54
Operating Temperature Storage Temperature	-20 °C to +55 °C / -30 °C to +65 °C -4 °F to +131°F / -22 °F to +149°F
Mounting	Integrated mounting guides
Connector type / position	SMA female side fly lead (400 mm / 15 ¾ in.) Custom lengths available for array options

E-FIELD ELEVATION & AZIMUTH PATTERNS

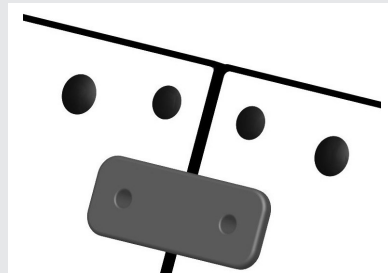
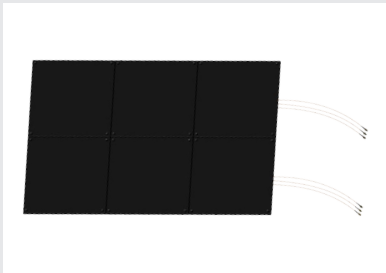


VERTICAL



HORIZONTAL

ARRAY-ABILITY



ORDER CODES

VERSIONS	ORDER CODES
ETSI (865 – 867 MHz)	R-T7-A7030C-ETSI
FCC (902 – 928 MHz)	R-T7-A7030C-FCC

iDTRONIC GmbH
Ludwig-Reichling-Straße 4
67059 Ludwigshafen
GERMANY

Phone +49 (0) 621 66 90 09 4-0
Fax +49 (0) 621 66 90 09 4-9
E-Mail: info@idtronic-rfid.com
Web: idtronic-rfid.com

For further information & prices, please contact info@idtronic-rfid.com

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