



Product overview

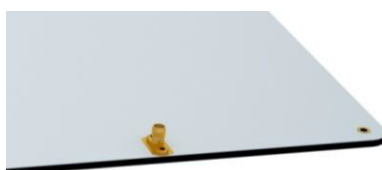
Advantenna-p33 is a compact RFID UHF Antenna with circular polarization and a radiation pattern characterized by a pencil beam shape (40°/40°) .

This radiation pattern makes this antenna ideal for many RFID applications such as overhead real-time inventory systems, magic mirrors and fitting rooms.

A set of Advantenna-p33 can be installed hanging from the ceiling in order to identify and locate tagged items in a given space in real -time.

In retail stores, Advantenna-p33 can be installed at the ceiling, over each fitting room. In this position, and thanks to its high directivity, the RFID system detects the RFID tags located in the corresponding fitting room, while minimizing the detection of items located in neighboring fitting rooms or in areas nearby.

Connector options



Flange straight



Flange right angle

Benefits:

- Narrow beam in two directions
- High gain
- Very thin form factor

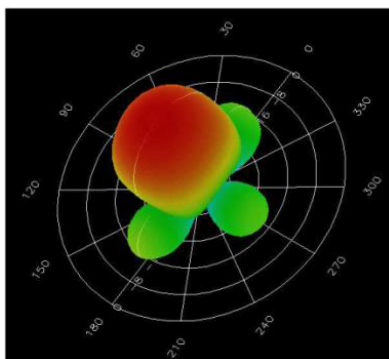
Applications:

- Overhead real-time inventory systems
- Fitting rooms
- Magic mirrors
- Doors and corridors

Specifications

Operating Frequency EU Version	865 - 868 MHz (ETSI EN 302 208)
Operating Frequency US Version	902 - 928 MHz (FCC part 15)
Operating Detection distance	Up to 6 metres
Radiation pattern	Pencil beam
Beamwidth	40° / 40°
Gain	10.4 dBi (EU version), 9.6 dBi (US version)
Sidelobe level	< -15 dB
Polarization	Circular
Input Impedance	50 Ω
Connector	female SMA or MCX Flange or flange right angle
Temperature range	-20°C to +130°C
Size excluding connector	417 mm x 417 mm x 3.3 mm 16.4 inches x 16.4 inches x 0.13 inches
Size with flange connector	417 mm x 417 mm x 15 mm 16.4 inches x 16.4 inches x 0.6 inches
Antenna weight	1050 g

Radiation pattern



ACURA Global

Distributor
Reginata Ducca, 73, S. B. do Campo, SP
09626-100. Brasil.

Tel: +55 11 3028-4600
acura@acura.com.br
www.acura.com.br