



## Product overview

Advantenna-p11 is a compact RFID UHF Antenna, with a very thin form factor, circular polarization and a radiation pattern characterized by a wide beam in all directions in one hemisphere.

This radiation pattern and its thin form factor make this antenna ideal for many RFID applications such as smart shelves, smart displays, smart panels and smart tables or other surfaces.

## Connector options



Flange straight



Flange right angle



Edge mount

## Benefits:

- Very thin form factor (15 mm with flange connector)
- Good performance
- Cost effective

## Applications:

- Smart shelves
- Smart panels
- Smart tables
- Smart surfaces in general

## 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 3 m
Radiation pattern	Wide beam in both directions in one hemisphere
Gain	3.2 dBi (EU version), 3.3 dBi (US version)
Beam width	100° / 100°
Polarization	Circular
Input Impedance	50 Ω
Connector	SMA or MCX Flange straight, flange right angle or edge mount
Temperature range	-20°C to +55°C
Size excluding connector	137 mm x 137 mm x 3 mm 5.4 inches x 5.4 inches x 0.13 inches
Size with flange connector	137 mm x 137 mm x 15 mm 5.4 inches x 5.4 inches x 0.6 inches
Antenna weight	100 g

## Radiation pattern



