

## Antennas - WANTENNAX005

### Circular polarized Antenna

- 860 - 960MHz
- Extremely low VSWR return loss
- Circularly Polarised
- Low axial ratio for optimum transmitted power
- Wall mountable



This antenna covers both EU and USA RFID bands. The antenna has been designed to be waterproof and is easy to install. It is circularly polarised for reading in any orientation. It can be used for improved indoor GSM coverage, due to circular polarisation. VSWR is typically less than 1.2:1, giving a return loss better than 20dB.

### Ordering code

#### WANTENNAX005

Circular polarized 860 - 960 MHz antenna

### Technical Specifications Table

Gain (max)	7 dBi ± 1dBi
Gain (min over frequency band)	6.5 dBi ± 0,5 dBi
Input Frequency	860 - 960 MHz
VSWR	< 1.3:1
Axial ratio	< 1dB
Power handling	10 W
Polarisation	Circular
Input Impedance	50 Ohm (nominal)
Dimensions	245 x 235 x 40 mm <sup>3</sup>
Weight	470 g
Operating Temperature	-20°C to +70°C
Max wind speed	Calculated to 160km/h (without ice)
Rain	IP 66 (Nema 4X)
Shock	40g for 10ms

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