



Identix UHF Circular Polarized Far Field Antenna

RFID Solutions

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AT A GLANCE

- Operating frequency: 900-930MHz
- Polarization: right hand circular polarization
- Far Field gain: 8.5dBiC
- 3 dB Beamwidth - Azimuth: 70° x 70°
- VSWR: lower than 1.4:1 across all frequency band
- Axial ratio: 0.6dB @ 915Mhz

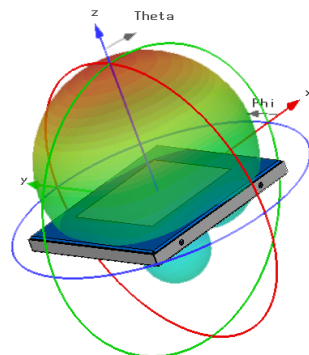
Applications

- General UHF RFID portals
- Logistics and distribution
- Personnel and Vehicle access applications

The Identix ANT85C7070 is a "Circular Polarized Far Field" UHF RFID antenna recommended for use in doorways, conveyor belts, cages and other applications where reading tags at different distances is a requirement.

Identix ANT85C7070 is a high-efficiency antenna with circular polarization. It offers a high gain, low axial ratio, making it an excellent choice for the different UHF RFID applications.

It has a compact, modern and lightweight design that allows installation in different types of industries such as commerce, industry and healthcare.

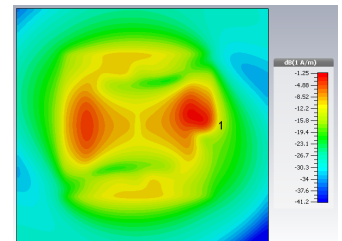


Far Field Directivity

Product Details

Antenna ID-ANT85C7070

- Operating frequency: 900-930MHz
- Input Impedance: 50 Ohms
- Polarization: circular polarization
- Far Field gain: 8.5dBiC
- 3 dB Beamwidth - Azimuth: 70° x 70°
- VSWR: lower than 1.4:1 across all frequency band
- Axial ratio: 0.6dB @ 915Mhz
- Front to Back Ratio: 17dB
- Near Field intensity: -1.25 dBA/m @2.5cm (max.)
- Maximum input power: 20W
- Connector: SMA female
- Dimensions: 196 x 196 x 14 mm
7.7 x 7.7 x .55 in
- Ingress protection rating: IP54
- Base: painted aluminum
- Radome: PETG plastic 1.5mm thick
- Weight: 300g – 10.6 oz



Near Field Intensity

For additional information visit

www.identix.com