

Key Features

- Industry-leading read range performance far-field antenna
- Circular polarization, choice of LHCP or RHCP
- Global frequency coverage
- Excellent matching for best read performance
- Excellent circular polarization characteristics for reading tags of all orientations
- Water resistant



Product Datasheet

9 dBi Circular Polarized Antenna

Model No. : SN-CA 101

Scratchnest

The ScratchNest SN-CA 101 is a far-field 9 dBi circular polarized RFID antenna that provides reception and transmission of signals in the UHF frequency band. Both US and EU versions are available in this model. The ScratchNest far-field RFID antenna comes with a heavy-duty polycarbonate housing, possesses female TNC connectors and excellent VSWR and axial ratios.



Physical Characteristics & User Environment

- Dimensions

300 x 300 x 50 mm
- Material

Polycarbonate
- Connector

TNC Female
- Environmental Sealing

IP 65 rating

RF Features

- Frequency

865-868 MHz and 902-928 MHz (850 - 940 MHz)
- Bandwidth

90 MHz
- Maximum VSWR

1.5:1
- Gain

9 dBi
- 3 dB Beam Width

68°
- Azimuth
- Front to Back Ratio

17 dB
- Polarization

RHCP/LHCP
- Input Impedance

50 Ohm

Accessories Included

- Antenna
- Mounting brackets
- User manual

Applications

- Warehouse Management
- Toll Collection Management
- Assets and Inventory Management
- Access Control
- Smart Attendance Systems
- Smart Parking Areas
- Railways
- Retail
- Logistics
- Jewelry Management

Ordering Details

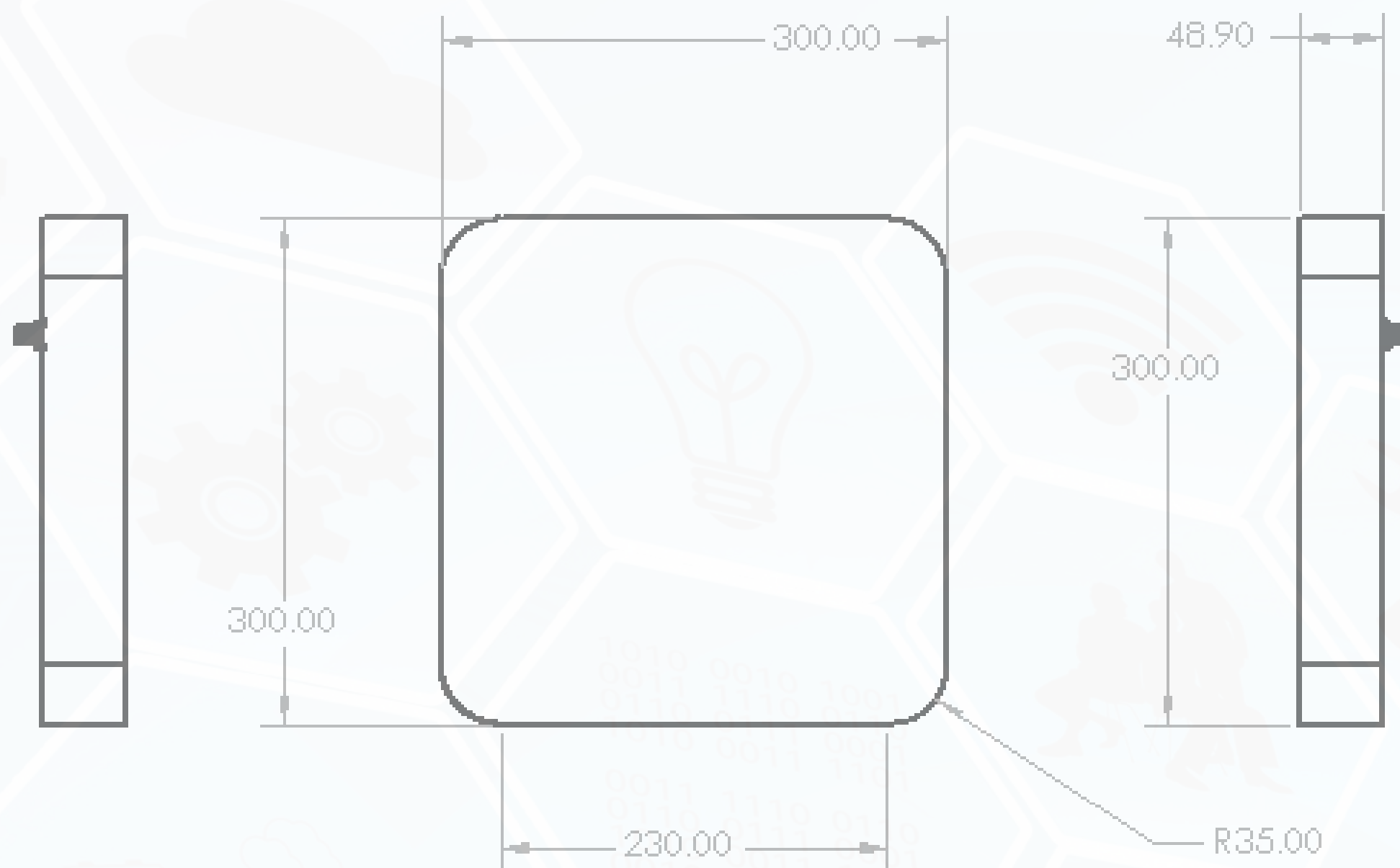
- RHCP

SN-CA 101 R
- LHCP

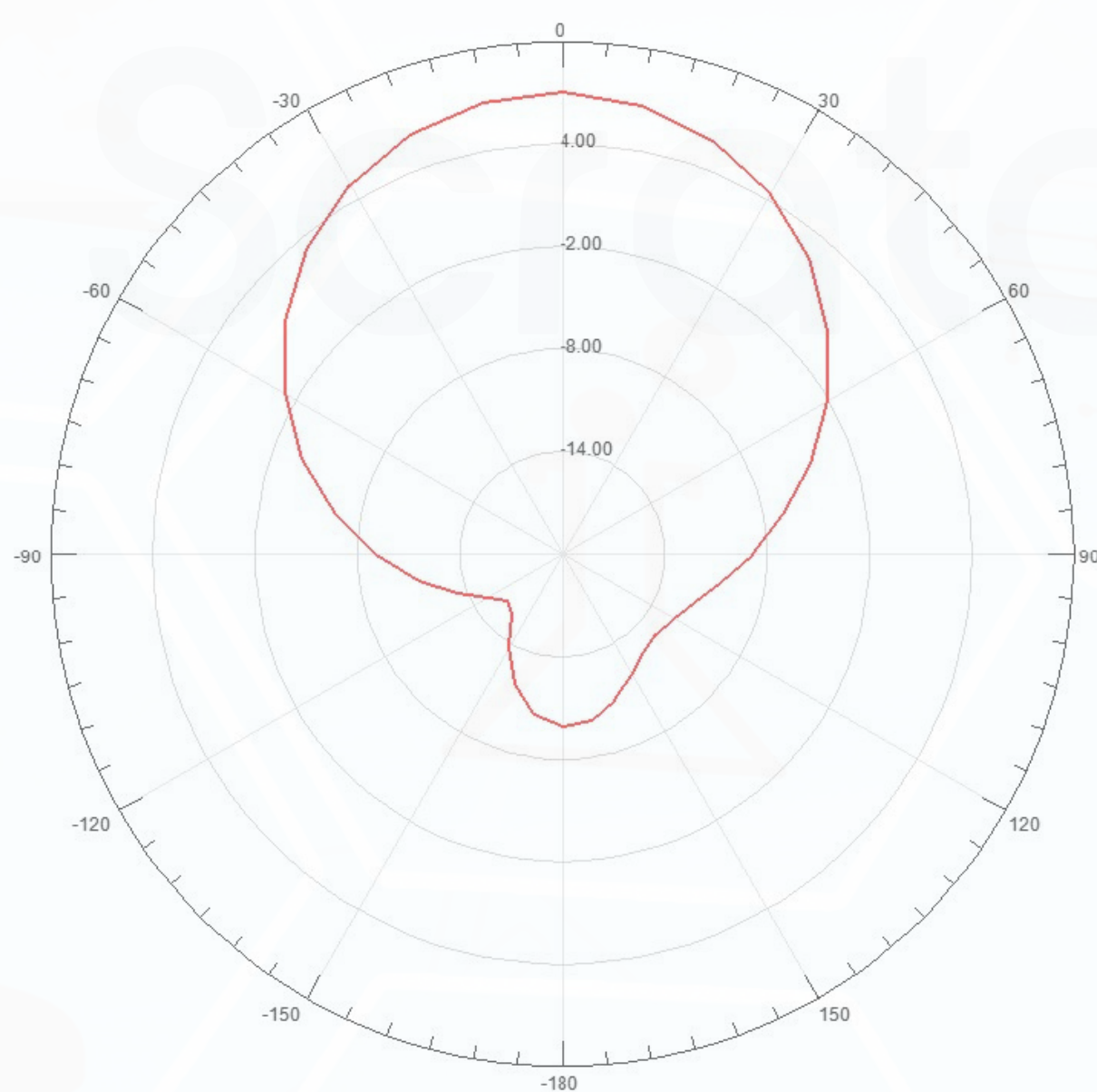
SN-CA 101 L



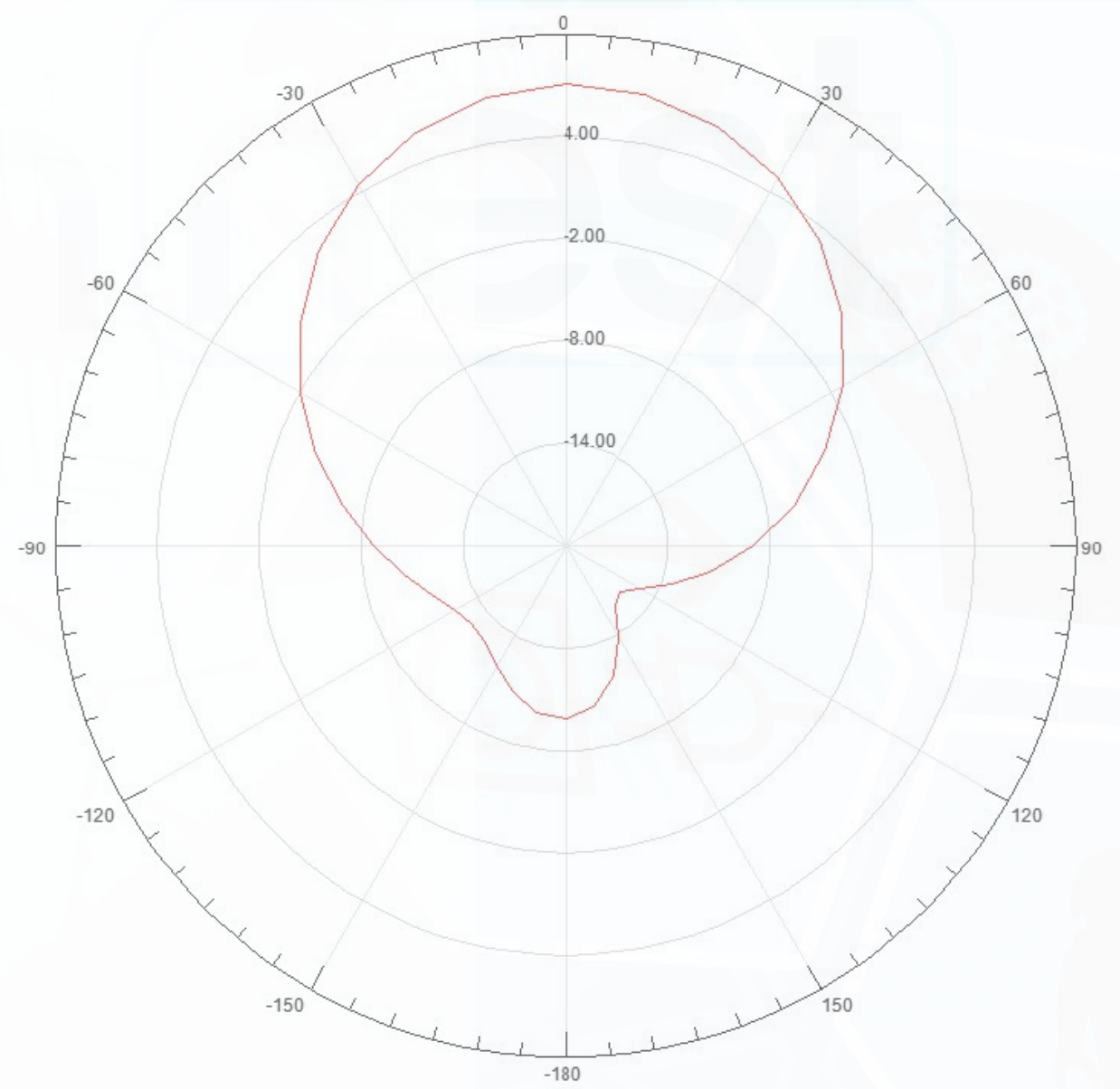
Mechanical Drawing



Radiation Pattern





RHPC (865 MHz)





LHPC (865 MHz)

Contact Details

 www.scratchnest.com

 sales@scratchnest.com

 +91-844-742-2760

 Room No. 6, 3rd Floor, East Wing, M. Visvesvaraya Block, IIT Ropar,
Rupnagar, Punjab, India - 140001



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