



RSANT-433-215-50R  
Datasheet  
Rev 1.0

***Reindeer Technologies Pvt Ltd***

*Excellence through Innovation*

S-2, Old No. 15, New No. 31  
Rajamannar Street, T Nagar,  
Chennai – 600017  
India.

## Document Revision History

Revision No.	Date	Description/Changes
1.0	26/2/2011	Initial Release

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## 1. Overview

This powerful 433 MHz antenna is ideally suited for products requiring an attractive, yet compact, 1/4-wave in a right-angle form factor. The antenna satisfies all international standards and is RoHS compliant.

The additional antenna gain of 2.15 dBi extends the range of the communication and it can take maximum input power of 50W.

## 2. Specifications

No.	Parameter	Value
1	Frequency Range (in MHz)	433 +/- 5
2	V.S.W.R	<= 1.5
3	Input Impedance ( $\Omega$ )	50
4	Maximum Power (W)	50
5	Gain (in dBi)	2.15
6	Polarization	Vertical
7	Weight (in grams)	15
8	Height (in mm)	50
9	Color	Black
10	Connector Type	SMA-Male

## 3. Advantages

- ❖ Excellent Performance
- ❖ Low cost
- ❖ Light weight and small size
- ❖ Right-angle mount and rotates
- ❖ Omni-directional pattern
- ❖ Outstanding VSWR
- ❖ Built to withstand 50 W power output
- ❖ Rugged and all-weather proof

## 4. Contact Us

### 4.1 Technical Support

Reindeer Technologies Pvt Ltd has built a solid technical support infrastructure so that you can get answers to your questions when you need them.

Our technical support engineers are available Mon-Fri between 9:30 am and 6:00 pm Indian standard time. The best way to reach a technical support engineer is to send an email to [support@reindeersystems.com](mailto:support@reindeersystems.com). E-mail support requests are given priority because we can handle them more efficiently than phone support requests.

### 4.2 Sales Support

Our sales department can be reached via e-mail at [sales@reindeersystems.com](mailto:sales@reindeersystems.com) or by phone at 91-44-45022335/42606907.

Our sales department is available Mon-Fri between 9:30 am and 6:00 pm.

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