

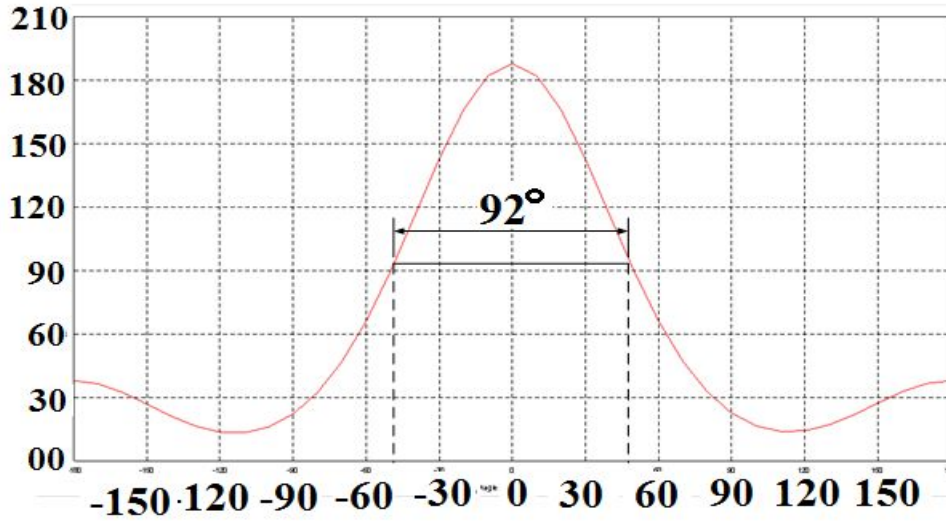
This 433 MHz RFID antenna offers the ability to operate outdoors and indoors and is an essential operational component in reader-tag communications meeting the needs of any RFID system requirements.

Technical Specifications

Physical	
Dimensions	250 mm L x 250 mm W x 58 mm D
Connector Type	RP TNC requires accessory cable to connect to reader, can be ordered separately
Connector Position	Antenna has a cable 12" coming out of the bottom of the box
Mounting bracket	Available separately
Weight	0.46 kg
Casing	Metal with plastic cover
Operational	
Freq. Range	433MHz
Gain	4.9 dBi
VSWR	≤ 1,08
Polarization	LHCP or RHCP
3db Beam Width	92°
Input Power	34 dBm
Max Power	5 watts
Environmental	
Operating Temperature	-0° C to +55° C (indoor use only)
Storage Temperature	-40 °C to +70° C

The Voltage Standing Wave Ratio (VSWR) is a measure of impedance mismatch between the transmission line and its load is shown below.

Measured pattern of an antenna



Measured VSWR





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