

# 433MHz Omnidirectional Fiberglass Antenna

**Model Number: SOF-C433-3**

Applications:

- 433 MHz ISM band
- Metering, industrial / environmental monitoring
- Remote asset monitoring

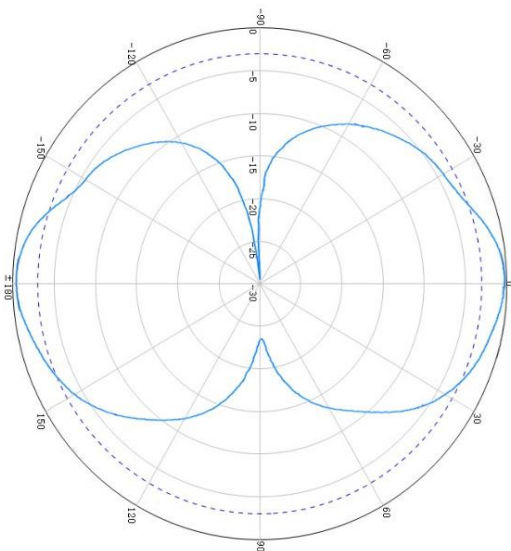
Features:

- Omnidirectional Radiation Pattern
- UV resistant fiberglass housing
- IP65 Waterproof
- Connector: N Type Female

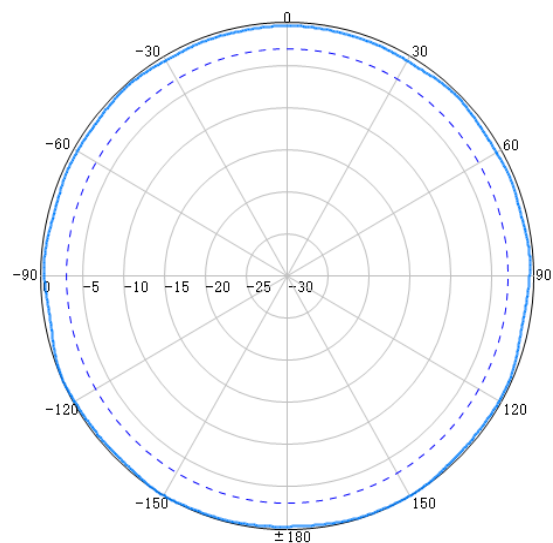


**Specifications:**

Type	Omnidirectional Antenna
Model No.	SOF-C433-3
<b>ELECTRICAL</b>	
Frequency	433MHz
Bandwidth	14MHz
Horizontal Half-power Beam Width	360°
Vertical Half-power Beam Width	40°
Gain	3dBi
Polarization	Vertical
VSWR	<1.5
Radiation Properties	Omnidirectional
Power Handling	100W
Impedance	50 Ohms
Lightning Protection	DC Ground
<b>MECHANICAL</b>	
Input Connector Type	N Type Female
Length	0.4m
Antenna Weight	0.55kg
Radome Material	Fiberglass
Radome Color	Gray
Mount Style	Pole Mount
<b>ENVIRONMENTAL</b>	
Operation Temperature	-40°C to 85°C
Rated Wind Velocity	Up to 200km/h

**Patterns:**


Vertical Pattern – E plane



Horizontal Pattern – H plane