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## **Huber+Suhner Sencity 5 GHz WiFi Omni Antenna, 5 dBi**

SKU  
ANT-HS-00008  
MPN  
1356.17.0067

### **Description**

Huber+Suhner's Sencity series 5 GHz omnidirectional antenna is a highly durable, industrial grade antenna designed for operation in 5 GHz WiFi and multipoint wireless applications.

The antenna covers the full 802.11a/n/ac/ax 5 GHz band from 5.15 to 5.875 GHz.

With an IP67 ingress protection rating the antenna is suitable for harsh environments such as those found in mining and heavy industry. The model has undergone mechanical shock, salt spray, vibration, and solar radiation testing, confirming its suitability for even the toughest locations.

[Read More](#)

This antenna is commonplace in specialised 5 GHz wireless applications, particularly in mobile plant and industrial machinery connecting over the 5 GHz band.



## Huber+Suhner

The global Swiss company HUBER+SUHNER develops and manufactures components and system solutions for electrical and optical transportation of data and energy. The company serves customers in the Communication, Transportation and Industrial markets with cables, connectors, cable systems, antennas and other passive components relying on its expertise in radio frequency, fiber optics and low frequency ...

## RF Specification

Start Frequency

5150 MHz

Stop Frequency

5875 MHz

Max. Input Power

6 W

Polarisation

[Vertical \(V\)](#)

Input Impedance

50  $\Omega$

RF Connectors

### **Ports RF Interface Body Shape**

1      [N Female](#)      [Straight](#)

Frequency Test Data

### **Start Freq. Stop Freq. Peak Gain VSWR Azimuth Elevation**

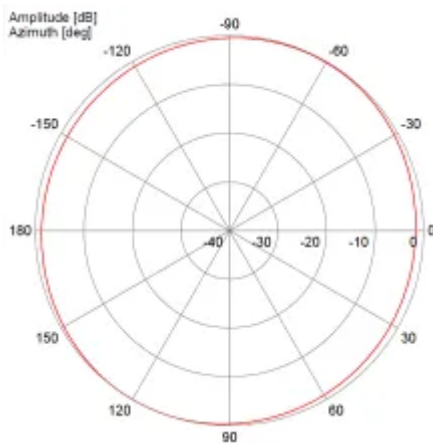
5150 MHz    5850 MHz    5 dBi      < 1.7:1    360°      25°

Polar Patterns

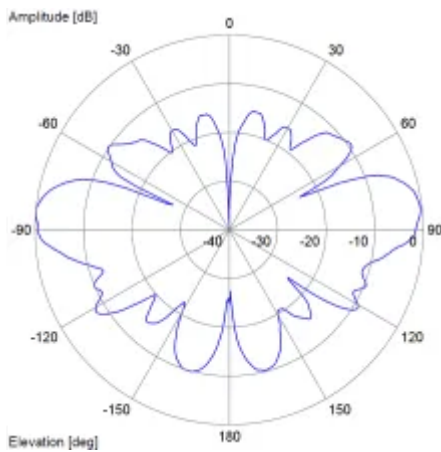
Start Frequency

5775 MHz

#### Azimuth Polar Plot



#### Elevation Polar Plot



## Physical Specification

Subtype

[Collinear](#)

Input Ports

1

MIMO

[1x1 SISO](#)

Min. Operating Temperature

-55 °C

Max. Operating Temperature

71 °C

Dimensions

191 x 17.6 x 17.6

Materials

## Polypropylene (PP)

Mounting

Pole Clamp 25 to 63 mm ø

Weight

0.1 kg

Compliance/Certifications

ISO 9001 Quality Management

Mechanical Compliance

IEC 60068-2-11: Salt Mist

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IEC 60068-2-14: Change of Temperature

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IEC 60068-2-27: Mechanical Shock

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IEC 60068-2-6: Vibration

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